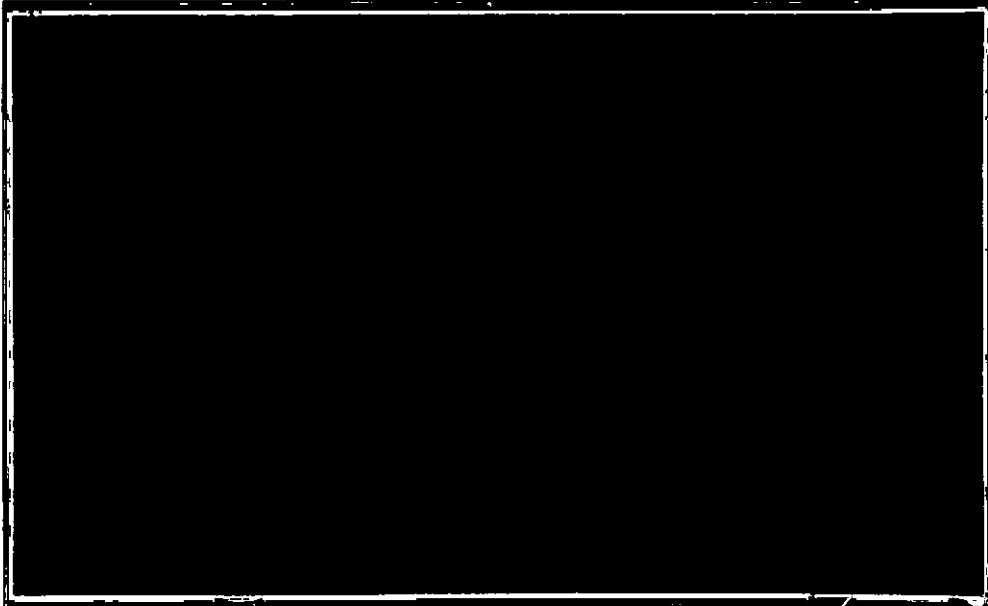


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**Institute of
Freshwater
Ecology**

NOV
1990



INSTITUTE OF FRESHWATER ECOLOGY

Eastern Rivers Laboratory
Institute of Freshwater Ecology.
Monks Wood Experimental Station
c/o Institute of Terrestrial Ecology
Abbots Ripton, Huntingdon,
Cambridgeshire, PE17 2LS

Helix Cotton Study.
Zooplankton counts.

Final Report: Sept - Nov 1990
D.V. LEACH

Project leader:	D.V.LEACH
Report date:	Sept-Nov 1990
Report to:	ICI Agrochemicals
Study No:	90JH006
IFE report ref:	ERG/T04052f1/1
TFS Project No:	T04052f1

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The Institute of Freshwater Ecology is part of the Terrestrial and Freshwater Sciences Directorate of the Natural Environment Research Council.

Contract from ICI
Analysis of zooplankton samples

Method

- 1). The sample, as supplied, was first washed through a 63um mesh sieve. The material retained in the sieve was transferred to a 10ml measuring cylinder and the volume made up to 10ml with water. The contents of the cylinder were then well mixed, by inverting the cylinder several times and while still well mixed, 1ml was removed, using an automatic pipette, and transferred to a Sedgwick-Rafter counting chamber.
- 2). A preliminary scan of the counting chamber was then made to assess the density of organisms present. When the density was too great to permit accurate counting and identification further dilution was carried out as follows:- the contents of the counting chamber were first returned to the 10ml cylinder and the whole sample was then transferred to an appropriate measuring cylinder or beaker and further diluted with water, to 20ml, 25ml, 50ml or 100ml, as necessary.
- 3). Having carried out the appropriate dilution, 1ml was transferred to the counting chamber and all animals were counted and identified as far as possible under a compound microscope. In every case the whole volume of the counting chamber was examined to avoid errors that were likely to arise through clumping of organisms in the chamber.
- 4). In some samples the largest organisms were too large to be accommodated within the depth of the counting chamber. In this case it was necessary to separate the sample into two size fractions, 63um-250um and >250um. Following this the fine fraction was treated as above. The coarse fraction was made up to 100ml and 5ml was taken for identification and counting under a low power microscope.
- 5). Counts were recorded using banks of labelled mechanical counters and results were transferred immediately onto standard data sheets.
- 6). After enumeration and identification all material, including the contents of the counting chamber was washed into a 63um sieve and returned to the original container by washing using 95% industrial methylated spirit.

BIOLOGICAL - ZOOPLANKTON (Date 1 - Pre-treatment)

19-Feb-90	BIO	ZP	MSo	Resr 1	-
19-Feb-90	BIO	ZP	MSo	Resr 2	-
19-Feb-90	BIO	ZP	MSo	Resr 3	-
19-Feb-90	BIO	ZP	MSo	Resr 4	-
19-Feb-90	BIO	ZP	MSo	Padd 23	HW 1
19-Feb-90	BIO	ZP	MSo	Padd 23	HW 2
19-Feb-90	BIO	ZP	MSo	Padd 28	HW 1
19-Feb-90	BIO	ZP	MSo	Padd 28	HW 3
19-Feb-90	BIO	ZP	MSo	Pool 9	-
19-Feb-90	BIO	ZP	MSo	Pool 10	-
19-Feb-90	BIO	ZP	MSo	Pool 13	-
19-Feb-90	BIO	ZP	MSo	Pool 16	-
19-Feb-90	BIO	ZP	MSo	Pool 17	-
19-Feb-90	BIO	ZP	MSo	Pool 18	-
19-Feb-90	BIO	ZP	MSo	TWR 6	-
20-Feb-90	BIO	ZP	TBx	Resr 1	-
20-Feb-90	BIO	ZP	TBx	Resr 2	-
20-Feb-90	BIO	ZP	TBx	Resr 3	-
20-Feb-90	BIO	ZP	TBx	Resr 4	-
20-Feb-90	BIO	ZP	TBx	Padd 42	HW 1
20-Feb-90	BIO	ZP	TBx	Padd 42	HW 2
20-Feb-90	BIO	ZP	TBx	Padd 44	HW 1
20-Feb-90	BIO	ZP	TBx	Padd 44	HW 2
20-Feb-90	BIO	ZP	TBx	Pool 1	-
20-Feb-90	BIO	ZP	TBx	Pool 8	-
20-Feb-90	BIO	ZP	TBx	Pool 9	-
20-Feb-90	BIO	ZP	TBx	Pool 12	-
20-Feb-90	BIO	ZP	TBx	Pool 13	-
20-Feb-90	BIO	ZP	TBx	TWR 4	-
20-Feb-90	BIO	ZP	TBx	TWR 5	-
20-Feb-90	BIO	ZP	TBx	MF 1	-
21-Feb-90	BIO	ZP	MSt	Resr 1	-
21-Feb-90	BIO	ZP	MSt	Resr 2	-
21-Feb-90	BIO	ZP	MSt	Resr 3	-
21-Feb-90	BIO	ZP	MSt	Resr 4	-
22-Feb-90	BIO	ZP	MSt	Pool 1	-
22-Feb-90	BIO	ZP	MSt	Pool 3	-
22-Feb-90	BIO	ZP	MSt	Pool 4	-
22-Feb-90	BIO	ZP	MSt	Pool 5	-
22-Feb-90	BIO	ZP	MSt	Pool 10	-
22-Feb-90	BIO	ZP	MSt	Pool 12	-
22-Feb-90	BIO	ZP	MSt	Pool 15	-
22-Feb-90	BIO	ZP	MSt	Pool 17	-
22-Feb-90	BIO	ZP	MSt	Pool 23	-
23-Feb-90	BIO	ZP	MTw	Resr 1	-
23-Feb-90	BIO	ZP	MTw	Resr 2	-
23-Feb-90	BIO	ZP	MTw	Resr 3	-
23-Feb-90	BIO	ZP	MTw	Resr 4	-
23-Feb-90	BIO	ZP	MTw	Pool 25	-
23-Feb-90	BIO	ZP	MTw	Pool 31	-
23-Feb-90	BIO	ZP	MTw	Pool 32	-
23-Feb-90	BIO	ZP	MTw	Pool 34	-
23-Feb-90	BIO	ZP	MTw	Pool 35	-
23-Feb-90	BIO	ZP	MTw	Pool 36	-
23-Feb-90	BIO	ZP	MTw	Pool 43	-
23-Feb-90	BIO	ZP	MTw	TWR 8	-
23-Feb-90	BIO	ZP	MTw	TWR 10	-
21-Feb-90	BIO	ZP	-	MCK 1	-
21-Feb-90	BIO	ZP	-	CCK 1	-
21-Feb-90	BIO	ZP	-	CCK 2	-
21-Feb-90	BIO	ZP	-	CCK 3	-
22-Feb-90	BIO	ZP	-	CCK 4	-
22-Feb-90	BIO	ZP	-	CCK 5	-
22-Feb-90	BIO	ZP	-	CCK 6	-
22-Feb-90	BIO	ZP	-	CCK 7	-

DATE 1

MSo

ROTIFERA

Asplanchna

Brachionus

Conochilus

Filinia

Hexarthra

Keratella

Lecane

Polyarthra

Rotaria

Synchaeta

Others

CLADOCERA

Daphnia (small)

Macrothrix

Moina

ZOOPLANKTON COUNTS.

Date counted: 18/Sept/90 Counted by: DK

Site: MST (MSO) TBK MTW

Sampling station: Rsv 1

Date sampled: 19 Feb 1990

Sieve size: 63um

Volume of concentrated preserved sample: (10) 20 25 50 100 ml

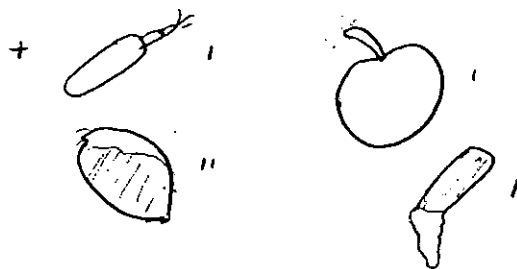
Volume of sub-sample: 1 ml. % of sample 10%

ROTIFERA			OTHER TAXA		
	sub-sample count	Total in sample		sub-sample count	Total in sample
Asplanchna			COPEPODA		
Brachionus	6	60	Nauplii	29	290
Cephalodella			Ad. long ant.	16	160
Collotheca			Ad short ant	1	10
Colurella			CLADOCERA*	17	170
Conochilus			Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia	12	120	Daphnia lg.		
Hexarthra			Daphnia sm.		
Keratella	17	170	Diaphanosoma		
Lecane			Macrothrix		
Platylas			Moina		
Polyarthra			Others		
Rotaria			CHIRONOMIDAE		
Synchaeta			NEMATODES		
Trichocerca					
others*	5	50			
Sub-total:	40	400	Sub-total:	63	630
			Total:	103	1030

Notes.

Total:

* Cladocera - mainly moina - some very small



ZOOPLANKTON COUNTS.

Date counted: 19/Sept/90 Counted by: DU

Site: MSt (MSO) TBx MTw

Sampling station: Resv 2

Date sampled: 19 Feb 190

Sieve size: 63um

Volume of concentrated preserved sample: (10) 20 25 50 100 ml

Volume of sub-sample: 1 ml. % of sample 10%

ROTIFERA			OTHER TAXA		
	sub-sample count	Total in sample		sub-sample count	Total in sample
Asplanchna	16	160	COPEPODA		
Brachionus	21	210	Nauplii	25	250
Cephalodella			Ad. long ant.	34	340
Collotheca			Ad short ant	4	40
Colurella			CLADOCERA		
Conochilus			Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia	56	560	Daphnia lg.		
Hexarthra	3	30	Daphnia sm.	1	10
Keratella	1	10	Diaphanosoma		
Lecane	2	20	Macrothrix		
Platylas			Moina	79	790
Polyarthra			Others		
Rotaria	24	240	CHIRONOMIDAE		
Synchaeta			NEMATODES		
Trichocerca					
Sub-total:	123	1230	Sub-total:	143	1430
Notes.			Total:	266	2660

ZOOPLANKTON COUNTS.

Date counted: 17 Sept 90 Counted by: JK

Site: MSt (MSO) TBx MTW

Sampling station: Resr 3

Date sampled: 19 Feb 1990

Sieve size: 63um

Volume of concentrated preserved sample: 10 (20) 25 50 100 ml

Volume of sub-sample: 1 ml. % of sample 5%

ROTIFERA			OTHER TAXA		
	sub-sample count	Total in sample		sub-sample count	Total in sample
Asplanchna	5	100	COPEPODA		
Brachionus	3	60	Nauplii	48	960
Cephalodella			Ad. long ant.	44	880
Collotheca			Ad short ant	2	40
Colurella			CLADOCERA		
Conochilus			Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia	21	420	Daphnia lg.		
Hexarthra	8	160	Daphnia sm.	1	20
Keratella	12	240	Diaphanosoma		
Lecane			Macrothrix		
Platytas			Moina	58	1160
Polyarthra	2	40	Others		
Rotaria	6	120	CHIRONOMIDAE		
Synchaeta			NEMATODES		
Trichocerca			Microturbellaria	2	40
* Others	11	220	Protozoan	1	20
Sub-total:	68	1360	Sub-total:	156	3120
			Total:	224	4480

Notes.



1



3

0.4mm



6



1

ZOOPLANKTON COUNTS.

Date counted: 26 July 90 Counted by: JAOB/du

Site: MST (MSO) TBx MTW

Sampling station: Resr 4

Date sampled: 19 Feb 90

Sieve size: 63um

Volume of concentrated preserved sample: (10) 20 25 50 100 ml

Volume of sub-sample: 1 ml. % of sample 10%

ROTIFERA			OTHER TAXA		
	sub-sample count	Total in sample		sub-sample count	Total in sample
Asplanchna	8	80	COPEPODA (Ad.)	30	300
Brachionus	1	10	Nauplii	44	440
Cephalodella			Ad. long ant.		
Collotheca			Ad short ant		
Colurella			CLADOCERA *	35	350
Conochilus			Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia	45	450	Daphnia lg.		
Hexarthra			Daphnia sml.		
Keratella	14	140	Diaphanosoma		
Lecane	2	20	Macrothrix		
Platytas			Moina		
Polyarthra			Others		
Rotaria			CHIRONOMIDAE		
Synchaeta			NEMATODES		
Trichocerca					
others	9	90			
Sub-total:	79	790	Sub-total:	109	1090
Notes.			Total:	188	1880

* 11 Cladocera mounted for closer examination

Moina = 9

Moina/ceriodaphnia 2 - orientation on slide did not allow separation

ZOOPLANKTON COUNTS.

Date counted: 12 / Sept / 90 Counted by: DV

Site: MSt (MSO) TBx MTw

Sampling station: Padd 23 / HW1

Date sampled: 19 / Feb / 90

Sieve size: 63um

Volume of concentrated preserved sample: (10) 20 25 50 100 ml

Volume of sub-sample: 1 ml. % of sample 10%

ROTIFERA			OTHER TAXA		
	sub-sample count	Total in sample		sub-sample count	Total in sample
Asplanchna			COPEPODA		
Brachionus	4	40	Nauplii	20	200
Cephalodella			Ad. long ant.	14	140
Collotheca			Ad short ant		
Colurella			CLADOCERA		
Conochilus ^①	11	110	Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia	10	100	Daphnia lg.		
Hexarthra			Daphnia sml.		
Keratella	8	80	Diaphanosoma		
Lecane	5	50	Macrothrix		
Platyias			Moina	24	240
Polyarthra	1	10	Others		
Rotaria			CHIRONOMIDAE		
Synchaeta			NEMATODES	1	10
Trichocerca					
Others ^②	12	120			
Sub-total:	51	510	Sub-total:	59	590
			Total:	110	1100

Notes.

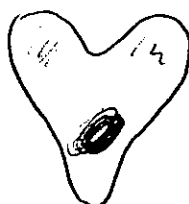
① Colonial/social

Others^②

2



1



9

ZOOPLANKTON COUNTS.

Date counted: 6 Sept 90 Counted by: DL

Site: MSt (MSO) TBK MTW

Sampling station: Padd 23/HW2

Date sampled: 19 Feb 1990

Sieve size: 63um \rightarrow 250um

Volume of concentrated preserved sample: (10) 20 25 50 100 ml

Volume of sub-sample: 1 ml. % of sample 10%

ROTIFERA			OTHER TAXA		
	sub-sample count	Total in sample		sub-sample count	Total in sample
Asplanchna			COPEPODA		
Brachionus	4	40	Nauplii	103	1030
Cephalodella			Ad. long ant.	37	370
Collotheca			Ad short ant		
Colurella			CLADOCERA		
Conochilus			Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia	66	660	Daphnia lg.		
Hexarthra	14	140	Daphnia sml.		
Keratella	62	620	Diaphanosoma		
Lecane	3	30	Macrothrix		
Platyias			Moina? small	53	530
Polyarthra	1	10	Others	1	10
Rotaria			CHIRONOMIDAE		
Synchaeta			NEMATODES		
Trichocerca					
other	34	340			
Sub-total:	184	1840	Sub-total:	194	1940
			Total:	378	3780

Notes. Page 1 of 2

Sample split into 2 fractions. 63-250um and 725um
 This sheet is for the 63-250um fraction

Helix Cotton Study Moree Australia.Study No. 90JH006ZOOPLANKTON COUNTS.

Date counted: 6 / Sept / 90 Counted by: JH

Site: MSt (MSO) TBx MTW

Sampling station: Padd 23/HW2

Date sampled: 19 / Feb / 90

Sieve size: ~~63µm~~ 250µm

Volume of concentrated preserved sample: 10 20 25 50 (100) ml

Volume of sub-sample: 1 ml. 5ml % of sample 5%

ROTIFERA			OTHER TAXA		
	Sub-sample count	Total in sample		Sub-sample count	Total in sample
Asplanchna			COPEPODA Adults	81	1620
Brachionus			Nauplii		
Cephalodella			Ad. long ant.		
Collotheca			Ad short ant		
Colurella			CLADOCERA	81	1620
Conochilus			Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia			Daphnia lg.		
Hexarthra			Daphnia sm1.		
Keratella			Diaphanosoma		
Lecane			Macrothrix		
Platyias			Moina		
Polyarthra			Others		
Rotaria			CHIRONOMIDAE		
Synchaeta			NEMATODES		
Trichocerca					
Sub-total:			Sub-total:	162	3240
Notes.			Total:	162	3240

5ml subsample taken from 100ml

ZOOPLANKTON COUNTS.

Date counted: 19/Sept/90 Counted by: DUL

Site: MST (MSO) TBx MTw

Sampling station: Padd 28/HW3

Date sampled: 19/Feb/90

Sieve size: 63um

Volume of concentrated preserved sample: 10 20 25 (50) 100 ml

Volume of sub-sample: 1 ml. % of sample 2%

ROTIFERA			OTHER TAXA		
	sub-sample count	Total in sample		sub-sample count	Total in sample
Asplanchna	2	100	COPEPODA		
Brachionus	37	1850	Nauplii	115	5750
Cephalodella			Ad. long ant.	25	1250
Collotheca			Ad short ant	5	250
Colurella			CLADOCERA		
Conochilus	6	300	Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia	34	1700	Daphnia lg.		
Hexarthra			Daphnia sm.		
Keratella	29	1450	Diaphanosoma		
Lecane	1	50	Macrothrix	2	100
Platylas			Moina	45	2250
Polyarthra	22	1100	Others		
Rotaria			CHIRONOMIDAE		
Synchaeta			NEMATODES	2	100
Trichocerca					
* others	3	150			
Sub-total:	134	6700	Sub-total:	194	9700
Notes.			Total:	328	16400



ZOOPLANKTON COUNTS.

Date counted: 19 / Sept / 90 Counted by: DL

Site: MSt (MSO) TBx MTw Sampling station: Pool 9

Date sampled: 19 Feb 1990

Sieve size: 63um

Volume of concentrated preserved sample: 10 20 25 (50) 100 ml

Volume of sub-sample: 1 ml. % of sample 2%

ROTIFERA			OTHER TAXA		
	sub-sample count	Total in sample		sub-sample count	Total in sample
Asplanchna	20	1000	COPEPODA		
Brachionus	6	300	Nauplii	7	350
Cephalodella			Ad. long ant.	6	300
Collotheca			Ad short ant		
Colurella			CLADOCERA [*]	62	3100
Conochilus	49	2450	Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia	9	450	Daphnia lg.		
Hexarthra			Daphnia sml.	1	50
Keratella	2	100	Diaphanosoma		
Lecane	1	50	Macrothrix		
Platylas			Moina		
Polyarthra	39	1950	Others		
Rotaria			CHIRONOMIDAE		
Synchaeta			NEMATODES		
Trichocerca					
Sub-total:	126		Sub-total:	76	3800
			Total:	202	10100

Notes.

* Mainly moina

ZOOPLANKTON COUNTS.

Date counted: 19 Sept 190 Counted by: DVL

Site: MSt (MSO) TBx MTW

Sampling station: Pool 10

Date sampled: 19 Feb 190

Sieve size: 63um

Volume of concentrated preserved sample: 10 20 25 (50) 100 ml

Volume of sub-sample: 1 ml. % of sample 2%

ROTIFERA			OTHER TAXA		
	sub-sample count	Total in sample		sub-sample count	Total in sample
Asplanchna			COPEPODA		
Brachionus	38	1900	Nauplii	3	150
Cephalodella			Ad. long ant.	3	150
Collotheca			Ad short ant		
Colurella			CLADOCERA		
Conochilus	207	10350	Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia	11	550	Daphnia lg.		
Hexarthra			Daphnia sml.	1	50
Keratella	5	250	Diaphanosoma		
Lecane	2	100	Macrothrix		
Platylas			Moina	4	200
Polyarthra	2	100	Others		
Rotaria			CHIRONOMIDAE		
Synchaeta			NEMATODES	1	50
Trichocerca			Others +	2	100
Sub-total:	265	13250	Sub-total:	14	700
			Total:	279	13950

Notes.

Total:



ZOOPLANKTON COUNTS.

Date counted: 19/Sept/90 Counted by: DL

Site: MSt MSo TBx MTw

Sampling station: Pool 13

Date sampled: 19/Feb/90

Sieve size: 63um

Volume of concentrated preserved sample: 10 20 25 50 100 ml

Volume of sub-sample: 1 ml. % of sample 10%

ROTIFERA			OTHER TAXA		
	sub-sample count	Total in sample		sub-sample count	Total in sample
Asplanchna			COPEPODA		
Brachionus	68	680	Nauplii	1	10
Cephalodella			Ad. long ant.		
Collotheca			Ad short ant		
Colurella			CLADOCERA		
Conochilus			Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia	8	80	Daphnia lg.		
Hexarthra			Daphnia sml.		
Keratella	3	30	Diaphanosoma		
Lecane	1	10	Macrothrix		
Platyias			Moina	1	10
Polyarthra			Others ^{V small} _{main}	2	20
Rotaria	1	10	CHIRONOMIDAE		
Synchaeta			NEMATODES		
Trichocerca					
Sub-total:	81	810	Sub-total:	4	40
Notes.			Total:	85	850

ZOOPLANKTON COUNTS.

Date counted: 20 Sept 190 Counted by: D U

Site: MST (MSO) TBx MTw

Sampling station: Pool 16

Date sampled: 19 Feb 190

Sieve size: 63um

Volume of concentrated preserved sample: (10) 20 25 50 100 ml

Volume of sub-sample: 1 ml. % of sample 10%

ROTIFERA			OTHER TAXA		
	sub-sample count	Total in sample		sub-sample count	Total in sample
Asplanchna	3	30	COPEPODA		
Brachionus	10	10	Nauplii	33	330
Cephalodella			Ad. long ant.	23	230
Collotheca			Ad short ant	2	20
Colurella			CLADOCERA		
Conochilus			Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia	22	220	Daphnia lg.		
Hexarthra			Daphnia sml.		
Keratella	8	80	Diaphanosoma		
Lecane	3	30	Macrothrix		
Platylas			Moina	34	340
Polyarthra	2	20	Others		
Rotaria			CHIRONOMIDAE	1	10
Synchaeta			NEMATODES		
Trichocerca					
Other *	7	70			
Sub-total:	55	550	Sub-total:	93	930
Notes.			Total:	148	1480

*



ZOOPLANKTON COUNTS.Date counted: 20 / Sep / 90 Counted by: DLSite: MSt (MSO) TBx MTwSampling station: Pool 17Date sampled: 19 / Feb / 90Sieve size: 63umVolume of concentrated preserved sample: (10) 20 25 50 100 mlVolume of sub-sample: 1 ml. % of sample 10%

ROTIFERA			OTHER TAXA		
	sub-sample count	Total in sample		sub-sample count	Total in sample
Asplanchna			COPEPODA		
Brachionus	11	110	Nauplii	9	90
Cephalodella			Ad. long ant.	14	140
Collotheca			Ad short ant	2	20
Colurella			CLADOCERA		
Conochilus	3	30	Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia	4	40	Daphnia lg.		
Hexarthra			Daphnia sm.		
Keratella	3	30	Diaphanosoma		
Lecane	2	20	Macrothrix		
Platyias			Moina	4	40
Polyarthra			Others		
Rotaria	1	10	CHIRONOMIDAE		
Synchaeta			NEMATODES	7	70
Trichocerca					
Sub-total:	24	240	Sub-total:	36	360
Notes.			Total:	60	600

ZOOPLANKTON COUNTS.

Date counted: 20 Sept 190 Counted by: D U

Site: MSt (MSO) TBx MTw

Sampling station: Pool 18

Date sampled: 19 Feb 190

Sieve size: 63um

Volume of concentrated preserved sample: (10) 20 25 50 100 ml

Volume of sub-sample: 1 ml. % of sample 10%

ROTIFERA			OTHER TAXA		
	sub-sample count	Total in sample		sub-sample count	Total in sample
Asplanchna			COPEPODA		
Brachionus	7	70	Nauplii	1	10
Cephalodella			Ad. long ant.		
Collotheca			Ad short ant		
Colurella			CLADOCERA		
Conochilus	4	40	Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia	1	10	Daphnia lg.		
Hexarthra			Daphnia sml.		
Keratella	2	20	Diaphanosoma		
Lecane	2	20	Macrothrix		
Platylas			Moina		
Polyarthra			Others		
Rotaria			CHIRONOMIDAE	2	20
Synchaeta			NEMATODES		
Trichocerca					
Other +	1	10			
Sub-total:	17	170	Sub-total:	3	30
			Total:	20	200

Notes.



ZOOPLANKTON COUNTS.

Date counted: 26 July 90 Counted by: JHAB/DV

Site: MST (MSO) TBx MTw

Sampling station: TWR 6

Date sampled: 19 Feb 1990

Sieve size: 63um

Volume of concentrated preserved sample: (10) 20 25 50 100 ml

Volume of sub-sample: 1 ml. % of sample 10%

ROTIFERA			OTHER TAXA		
	sub-sample count	Total in sample		sub-sample count	Total in sample
Asplanchna	3	30	COPEPODA ^{Hult}	7	70
Brachionus	247	2470	Nauplii	12	120
Cephalodella			Ad. long ant.		
Collotheca			Ad short ant.		
Colurella			CLADOCERA *	23	230
Conochilus			Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia	32	320	Daphnia lg.		
Hexarthra	15	150	Daphnia sm.		
Keratella	18	180	Diaphanosoma		
Lecane	9	90	Macrothrix		
Platylas			Moina		
Polyarthra			Others		
Rotaria			CHIRONOMIDAE		
Synchaeta	3	30	NEMATODES	2	20
Trichocerca			Naididae	1	10
Others	93	930	Vorticellid (Colonial)	2	20
Sub-total:	420	4200	Sub-total:	47	470
Notes.			Total:	467	4670

* 9 Cladocera mounted for closer examination

7 = Daphnia

2 = Ceriodaphnia/moina - orientation on slide did not permit separation.

DATE 1

TBx

ROTIFERA

Asplanchna

Brachionus

Cephalodella ?

Colurella

Conochilus

Euclaris ?

Filinia

Hexarthra

Keratella

Lecane

Polyarthra

Rotaria

Trichocerca ?

Others

CLADOCERA

Daphnia (large)

Daphnia (small)

Moina

ZOOPLANKTON COUNTS,

Date counted: 20/Sept/90 Counted by: JH

Site: MSt MSo TBx MTw

Sampling station: Resr 1

Date sampled: 20/Feb/90

Sieve size: 63um

Volume of concentrated preserved sample: 10 20 25 50 100 ml

Volume of sub-sample: 1 ml. % of sample 1%

ROTIFERA			OTHER TAXA		
	sub-sample count	Total in sample		sub-sample count	Total in sample
Asplanchna	12	1200	COPEPODA		
Brachionus	406	40600	Nauplii	34	3400
Cephalodella?	2	200	Ad. long ant.	2	200
Collotheca			Ad short ant	50	5000
Colurella	58	5800	CLADOCERA		
Conochilus	"		Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia	144	14400	Daphnia lg.		
Hexarthra			Daphnia sml.		
Keratella*	5	500	Diaphanosoma		
Lecane			Macrothrix		
Platylas			Moina	99	9900
Polyarthra	31	3100	Others		
Rotaria	16	1600	CHIRONOMIDAE		
Synchaeta			NEMATODES		
Trichocerca					
Sub-total:	674	67400	Sub-total:	185	18500
Notes.			Total:	859	85900

large number of Blue/green algae filaments present, also detritus and
porifera megasclere

*



- later I.D. as brachionus

ZOOPLANKTON COUNTS.Date counted: 21 Sept 190 Counted by: DUSite: MSt MSo TRx MTWSampling station: Resr 2Date sampled: 20 Feb 190Sieve size: 63umVolume of concentrated preserved sample: 10 20 25 50 100 mlVolume of sub-sample: 1 ml. % of sample 1%

ROTIFERA			OTHER TAXA		
	sub-sample count	Total in sample		sub-sample count	Total in sample
Asplanchna	7	700	COPEPODA		
Brachionus	987	98700	Nauplii	45	4500
Cephalodella			Ad. long ant.		
Collotheca			Ad short ant	13	1300
Colurella	2	200	CLADOCERA		
Conochilus			Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia	39	3900	Daphnia lg.		
Hexarthra			Daphnia sml.		
Veratella			Diaphanosoma		
Lecane	1	100	Macrothrix		
Platytias			Moina	83	8300
Polyarthra	9	900	Others		
Rotaria			CHIRONOMIDAE		
Synchaeta			NEMATODES		
Trichocerca			*Crustacea larvae	5	500
Other	2	200			
Sub-total:	1047	104700	Sub-total:	146	14600
			Total:	1193	119300

Notes.

Total:

* Probably copepodites.

ZOOPLANKTON COUNTS.

Date counted: 21 / Sep / 90 Counted by: DUL

Site: MSt MSo (TBx) MTW

Sampling station: Res 3

Date sampled: 20 / Feb / 90

Sieve size: 63um

Volume of concentrated preserved sample: 10 20 25 (50) 100 ml

Volume of sub-sample: 1 ml. % of sample 2%

ROTIFERA			OTHER TAXA		
	sub-sample count	Total in sample		sub-sample count	Total in sample
Asplanchna	11	550	COPEPODA		
Brachionus	245	12250	Nauplii	52	2600
Cephalodella			Ad. long ant.		
Collotheca			Ad short ant	6	300
Colurella			CLADOCERA		
Conochilus			Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia	111	5550	Daphnia lg.		
Hexarthra			Daphnia sm.		
Keratella			Diaphanosoma		
Lecane			Macrothrix		
Platyias			Moina	74	3700
Polyarthra	3	150	Others		
Rotaria			CHIRONOMIDAE		
Synchaeta			NEMATODES		
Trichocerca					
Sub-total:	370	18500	Sub-total:	132	6600
Notes.			Total:	502	25100

ZOOPLANKTON COUNTS.

Date counted: 21 / Sept / 90 Counted by: JLL

Site: MSt MSo TEK MTW

Sampling station: Res 4

Date sampled: 20 / Feb / 90

Sieve size: 63um

Volume of concentrated preserved sample: 10 20 25 50 100 ml

Volume of sub-sample: 1 ml. % of sample 1%

ROTIFERA			OTHER TAXA		
	sub-sample count	Total in sample		sub-sample count	Total in sample
Asplanchna	1	100	COPEPODA		
Brachionus	112	11200	Nauplii	27	2700
Cephalodella			Ad. long ant.	2	200
Collotheca			Ad short ant	1	100
Colurella			CLADOCERA		
Conochilus			Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia	45	4500	Daphnia lg.		
Hexarthra			Daphnia sm.		
Keratella	1	100	Diaphanosoma		
Lecane			Macrothrix		
Platyias			Moina	39	3900
Polyarthra	8	800	Others		
Rotaria	2	200	CHIRONOMIDAE		
Synchaeta			NEMATODES		
Trichocerca					
Sub-total:	169	16900	Sub-total:	69	6900
Notes.			Total:	238	23800

ZOOPLANKTON COUNTS.

Date counted: 21 Sept 190 Counted by: Dul

Site: MSt MSo TBx MTw

Sampling station: Padd 42/Hw1

Date sampled: 20 Feb 190

Sieve size: 63um

Volume of concentrated preserved sample: 10 20 25 50 100 ml

Volume of sub-sample: 1 ml. % of sample 1%

ROTIFERA			OTHER TAXA		
	sub-sample count	Total in sample		sub-sample count	Total in sample
Asplanchna	4	400	COPEPODA		
Brachionus	97	9700	Nauplii	128	12800
Cephalodella			Ad. long ant.	1	100
Collotheca			Ad short ant	10	1000
Colurella			CLADOCERA *	25	2500
Conochilus			Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia	31	3100	Daphnia lg.	1	100
Hexarthra			Daphnia sml.	3	300
Keratella	3	300	Diaphanosoma		
Lecane			Macrothrix		
Platyias			Moina		
Polyarthra	12	1200	Others		
Rotaria			CHIRONOMIDAE		
Synchaeta			NEMATODES		
Trichocerca					
Sub-total:	147	14700	Sub-total:	168	16800
			Total:	315	31500

Notes.

* Mainly Moina

ZOOPLANKTON COUNTS.Date counted: 21 / Sep / 90 Counted by: *du*Site: MSt MSo TEK MTWSampling station: *Padd 42/HW2*Date sampled: *20 Feb 190*

Sieve size: 63um

Volume of concentrated preserved sample: 10 20 25 50 100 mlVolume of sub-sample: 1 ml. % of sample *2%*

ROTIFERA			OTHER TAXA		
	sub-sample count	Total in sample		sub-sample count	Total in sample
Asplanchna			COPEPODA		
Brachionus	<i>114</i>	<i>5700</i>	Nauplii	<i>164</i>	<i>8200</i>
Cephalodella			Ad. long ant.		
Collotheca			Ad short ant	<i>23</i>	<i>1150</i>
Colurella			CLADOCERA *	<i>36</i>	<i>1800</i>
Conochilus			Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia	<i>23</i>	<i>1150</i>	Daphnia lg.	*	
Hexarthra			Daphnia sml.		
Keratella ?	<i>11</i>	<i>550</i>	Diaphanosoma		
Lecane			Macrothrix		
Platylas			Moina	*	
Polyarthra	<i>6</i>	<i>300</i>	Others		
Rotaria			CHIRONOMIDAE		
Synchaeta			NEMATODES		
Trichocerca			<i>Small larval crustaceans</i>	<i>47</i>	<i>2350</i>
			<i>probably copepodites</i>		
Sub-total:	<i>154</i>	<i>7700</i>	Sub-total:	<i>270</i>	<i>13500</i>
Notes.			Total:	<i>424</i>	<i>21200</i>

* Mainly Moina - 2 lg. Daphnia

ZOOPLANKTON COUNTS.

Date counted: 24/Sept/90 Counted by: DV

Site: MSt MSo TRx MTw

Sampling station: Padd 44/HW1

Date sampled: 20/Feb/90

Sieve size: 63um

Volume of concentrated preserved sample: 10 20 25 50 100 ml

Volume of sub-sample: 1 ml. % of sample 1%

ROTIFERA			OTHER TAXA		
	sub-sample count	Total in sample		sub-sample count	Total in sample
Asplanchna	5	500	COPEPODA		
Brachionus	89	8900	Nauplii	42	4200
Cephalodella			Ad. long ant.	1	100
Collotheca			Ad short ant	18	1800
Colurella			CLADOCERA		
Conochilus			Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia	54	5400	Daphnia lg.		
Hexarthra			Daphnia sml.		
Keratella			Diaphanosoma		
Lecane			Macrothrix		
Platyias			Moina	* 10	100
Polyarthra	13	1300	Others		
Rotaria	1	100	CHIRONOMIDAE		
Synchaeta			NEMATODES		
Trichocerca					
Sub-total:	162	16200	Sub-total:	71	7100
Notes.			Total:	233	23300

* Some v. small.

ZOOPLANKTON COUNTS.

Date counted: 24/Sept/90 Counted by: D U

Site: MST MSO (TBx) MTw

Sampling station: Padd 44/HV2

Date sampled: 20 Feb 1990

Sieve size: 63µm

Volume of concentrated preserved sample: 10 20 25 50 (100) ml

Volume of sub-sample: 1 ml. % of sample 1%

ROTIFERA			OTHER TAXA		
	sub-sample count	Total in sample		sub-sample count	Total in sample
Asplanchna			COPEPODA		
Brachionus	87	8700	Nauplii	59	5900
Cephalodella			Ad. long ant.	1	100
Collotheca			Ad short ant	13	1300
Colurella			CLADOCERA	* 37	3700
Conochilus			Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia	23	2300	Daphnia lg.		
Hexarthra			Daphnia sml.	*	
Keratella			Diaphanosoma		
Lecane			Macrothrix		
Platyias			Moina	*	
Polyarthra	7	700	Others		
Rotaria			CHIRONOMIDAE		
Synchaeta			NEMATODES		
Trichocerca?	3	300			
Sub-total:	120	12000	Sub-total:	110	11000
Notes.			Total:	230	23000

* Mainly Moina - 2 small Daphnia pointed heads.

ZOOPLANKTON COUNTS.Date counted: 24/Sept/90 Counted by: DU

Site: MST MSO (TBx) MTW

Sampling station: Pool 1Date sampled: 20/Feb/90Sieve size: 63um

Volume of concentrated preserved sample: 10 20 25 50 (100) ml

Volume of sub-sample: 1 ml. % of sample 1%

ROTIFERA			OTHER TAXA		
	sub-sample count	Total in sample		sub-sample count	Total in sample
Asplanchna	3	300	COPEPODA		
Brachionus	128	12800	Nauplii	6	600
Cephalodella			Ad. long ant.	1	100
Collotheca			Ad short ant	3	300
Colurella			CLADOCERA		
Conochilus	4	400	Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia	298	29800	Daphnia lg.	3	300
Hexarthra			Daphnia sm.	2	200
Keratella			Diaphanosoma		
Lecane			Macrothrix		
Platylas			Moina	1	100
Polyarthra	201	20100	Others		
Rotaria			CHIRONOMIDAE		
Synchaeta			NEMATODES		
Trichocerca					
Sub-total:	634	63400	Sub-total:	16	1600
Notes.			Total:	650	65000

ZOOPLANKTON COUNTS.Date counted: 24/Sept/90 Counted by: DUSite: MST MSO (TBx) MTWSampling station: Pool 8Date sampled: 20/12/190Sieve size: 63umVolume of concentrated preserved sample: 10 20 25 (50) 100 mlVolume of sub-sample: 1 ml. % of sample 2%

ROTIFERA			OTHER TAXA		
	sub-sample count	Total in sample		sub-sample count	Total in sample
Asplanchna	11	550	COPEPODA		
Brachionus	65	3250	Nauplii	52	2600
Cephalodella			Ad. long ant.		
Collotheca			Ad short ant	8	400
Colurella	2	100	CLADOCERA		
Conochilus			Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia	108	5400	Daphnia lg.		
Hexarthra			Daphnia sml.		
Keratella			Diaphanosoma		
Lecane	2	100	Macrothrix		
Platylas			Moina	12	600
Polyarthra	21	1050	Others		
Rotaria			CHIRONOMIDAE		
Synchaeta			NEMATODES		
Trichocerca			Odonata larvae	1	50
Sub-total:	209	10450	Sub-total:	73	3650
Notes.			Total:	282	14100

ZOOPLANKTON COUNTS.

Date counted: 18 / Sept / 90 Counted by: DU

Site: MSt MSo TEK MTW

Sampling station: Pool 9

Date sampled: 20 / Feb / 90

Sieve size: 63um

Volume of concentrated preserved sample: (10) 20 25 50 100 ml

Volume of sub-sample: 1 ml. % of sample 10%

ROTIFERA			OTHER TAXA		
	sub-sample count	Total in sample		sub-sample count	Total in sample
Asplanchna	3	30	COPEPODA		
Brachionus	260	2600	Nauplii	147	1470
Cephalodella			Ad. long ant.		
Collotheca			Ad short ant	34	340
Colurella			CLADOCERA		
Conochilus			Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia	69	690	Daphnia lg. ^①	6	60
Hexarthra			Daphnia sm. ^②	12	120
Keratella			Diaphanosoma		
Lecane			Macrothrix		
Platyias			Moina	28	280
Polyarthra	2	20	Others v. small	3	30
Rotaria			CHIRONOMIDAE		
Synchaeta			NEMATODES		
Trichocerca					
Sub-total:	334	3340	Sub-total:	230	2300
			Total:	564	5640

Notes.

- ① Carinata sp.
② pointed heads.

ZOOPLANKTON COUNTS.

Date counted: 12 / Sept / 90 Counted by: DU

Site: MSt MSo (TBx) MTw

Sampling station: Pool 12

Date sampled: 20 / Feb / 90

Sieve size: 63um

Volume of concentrated preserved sample: 10 20 25 50 (100) ml

Volume of sub-sample: 1 ml. % of sample 1%

ROTIFERA			OTHER TAXA		
	sub-sample count	Total in sample		sub-sample count	Total in sample
Asplanchna	1	100	COPEPODA		
Brachionus	66	6600	Nauplii	45	4500
Cephalodella			Ad. long ant.		
Collotheca			Ad short ant	22	2200
Colurella			CLADOCERA	15	1500
Conochilus			Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia	6	600	Daphnia lg.		
Hexarthra	2	200	Daphnia sml.	*	
Keratella	5	500	Diaphanosoma		
Lecane			Macrothrix		
Platylas			Moina	*	
Polyarthra	3	300	Others		
Rotaria			CHIRONOMIDAE		
Synchaeta			NEMATODES		
Trichocerca					
Sub-total:	83	8300	Sub-total:	82	8200
				165	16500

Notes.

Total:

* Mainly moina - 2 small daphnia pointed head.

ZOOPLANKTON COUNTS.

Date counted: 17 / Sept / 90 Counted by: Du

Site: MSt MSo TBx MTw

Sampling station: Pool 13

Date sampled: 20 / Feb / 1990

Sieve size: 63um

Volume of concentrated preserved sample: 10 20 25 50 100 ml

Volume of sub-sample: 1 ml. % of sample 10%

ROTIFERA			OTHER TAXA		
	sub-sample count	Total in sample		sub-sample count	Total in sample
Asplanchna	4	40	COPEPODA		
Brachionus	197	1970	Nauplii	220	2200
Cephalodella			Ad. long ant.		
Collotheca			Ad short ant	29	290
Colurella			CLADOCERA ^②	17	170
Conochilus			Alona		
Epiphanes			Bosmina		
Euclaris ^①	2	20	Ceriodaphnia		
Filinia	94	940	Daphnia lg.		
Hexarthra	6	60	Daphnia sm.		
Keratella	21	210	Diaphanosoma		
Lecane			Macrothrix		
Platyias			Moina		
Polyarthra	46	460	Others		
Rotaria			CHIRONOMIDAE		
Synchaeta			NEMATODES		
Trichocerca			Others	1	10
Others	4	40			
Sub-total:	374	3740	Sub-total:	267	2670
			Total:	641	6410

Notes.

Total:

① Euclaris / cephalodella

② Mainly Moina - 1 small daphnia pointed head.

ZOOPLANKTON COUNTS.

Date counted: 25/July/90 Counted by: JABO/DVL

Site: MSt MSo TBx MTw

Sampling station: TWR 4

Date sampled: 20/Feb/90

Sieve size: 63um

Volume of concentrated preserved sample: 10 20 25 50 100 ml

Volume of sub-sample: 1 ml. % of sample 10%

ROTIFERA			OTHER TAXA		
	sub-sample count	Total in sample		sub-sample count	Total in sample
Asplanchna	4	40	COPEPODA Adult	62	620
Brachionus	231	2310	Nauplii	117	1170
Cephalodella			Ad. long ant.		
Collotheca			Ad short ant		
Colurella			CLADOCERA *	71	710
Conochilus			Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia	40	400	Daphnia lg.		
Hexarthra			Daphnia sm1.		
Keratella	3	30	Diaphanosoma		
Lecane			Macrothrix		
Platyias			Moina		
Polyarthra	2	20	Others		
Rotaria			CHIRONOMIDAE		
Synchaeta			NEMATODES		
Trichocerca			Naididae	1	10
other	21	210			
Sub-total:	301	3010	Sub-total:	251	2510
			Total:	352	3520

Notes.

Total:

* 11 cladocera mounted for further examination
 8 = Moina
 3 = Daphnia

ZOOPLANKTON COUNTS.

Date counted: 18 / Sept / 90 Counted by: JVL

Site: MSt MSo TEx MTw

Sampling station: TWR 5

Date sampled: 20 / Feb / 90

Sieve size: 63µm → 250µm

Volume of concentrated preserved sample: 10 20 25 50 100 ml

Volume of sub-sample: 1 ml. % of sample 2%

ROTIFERA			OTHER TAXA		
	sub-sample count	Total in sample		sub-sample count	Total in sample
Asplanchna	1	50	COPEPODA		
Brachionus	274	13700	Nauplii	84	4200
Cephalodella			Ad. long ant.		
Collotheca			Ad short ant	15	750
Colurella			CLADOCERA *	34	1700
Conochilus			Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia	95	4750	Daphnia lg.		
Hexarthra			Daphnia sml.		
Keratella	8	400	Diaphanosoma		
Lecane	1	50	Macrothrix		
Platyias			Moina		
Polyarthra	11	550	Others		
Rotaria			CHIRONOMIDAE		
Synchaeta			NEMATODES	1	50
Trichocerca			Others	1	50
Sub-total:	390	19500	Sub-total:	135	6750
Notes. Page 1 of 2			Total:	525	26250

Sample split into 2 fractions 63-250µm and >250µm.

* large eggs or newly hatched cladocera.

ZOOPLANKTON COUNTS.Date counted: 18 Sept 90 Counted by: *DL*Site: MSt MSo **TBx** MTwSampling station: *TWR 5*

Date sampled: 20 Feb 1990

Sieve size: ~~475µm~~ 250µmVolume of concentrated preserved sample: 10 20 25 50 **100** ml *Volume of sub-sample: ~~1~~ 5 ml % of sample 5%

ROTIFERA			OTHER TAXA		
	sub-sample count	Total in sample		sub-sample count	Total in sample
Asplanchna	1	20	COPEPODA		
Brachionus			Nauplii		
Cephalodella			Ad. long ant.	2	40
Collotheca			Ad short ant	36	720
Colurella			CLADOCERA		
Conochilus			Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia			Daphnia lg. ^①	40	800
Hexarthra			Daphnia sml.	40	800
Keratella			Diaphanosoma		
Lecane			Macrothrix		
Platyias			Moina	13	260
Polyarthra			Others		
Rotaria			CHIRONOMIDAE		
Synchaeta			NEMATODES	1	20
Trichocerca					
Sub-total:	1	20	Sub-total:	132	2640
			Total:	133	2660

Notes. Page 2 of 2

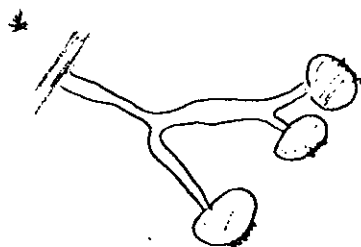
Total:

* Sample made up to 100ml. 5ml sub sample Taken

① Carinata sp.

ZOOPLANKTON COUNTS.Date counted: 25 / Sept / 90 Counted by: DLSite: MSt MSo (TBx) MTwSampling station: MFIDate sampled: 20 / Feb / 90Sieve size: 63umVolume of concentrated preserved sample: 10 20 25 50 (100) mlVolume of sub-sample: 1 ml. % of sample 1%

ROTIFERA			OTHER TAXA		
	sub-sample count	Total in sample		sub-sample count	Total in sample
Asplanchna	2	200	COPEPODA		
Brachionus	129	12900	Nauplii	39	3900
Cephalodella			Ad. long ant.		
Collotheca			Ad short ant	6	600
Colurella			CLADOCERA		
Conochilus			Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia	121	12100	Daphnia lg.	9	900
Hexarthra			Daphnia sml.	4	400
Keratella			Diaphanosoma		
Lecane			Macrothrix		
Platyias			Moina	12	1200
Polyarthra	18	1800	Others		
Rotaria	1	100	CHIRONOMIDAE		
Synchaeta			NEMATODES	1	100
Trichocerca			* Other	5	500
Sub-total:	271	27100	Sub-total:	76	7600
Notes.			Total:	347	34700



DATE 1

MSt

ROTIFERA

Asplanchna

Brachionus

Cephalodella

Colurella

Filinia

Hexarthra

Keratella

Lecane

Polyarthra

Rotaria

Others

CLADOCERA

Daphnia (large)

Daphnia (small)

Macrothrix

Moina

ZOOPLANKTON COUNTS.Date counted: 25 / Sept / 90 Counted by: DUSite: (MSt) MSo TBx MTw Sampling station: Resr 1Date sampled: 22 / Feb / 90Sieve size: 63umVolume of concentrated preserved sample: (10) 20 25 50 100 mlVolume of sub-sample: 1 ml. % of sample 10%

ROTIFERA			OTHER TAXA		
	Sub-sample count	Total in sample		Sub-sample count	Total in sample
Asplanchna	8	80	COPEPODA		
Brachionus	101	1010	Nauplii	33	330
Cephalodella			Ad. long ant.	6	60
Collotheca			Ad short ant	5	50
Colurella			CLADOCERA		
Conochilus			Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia	8	80	Daphnia lg.	6	60
Hexarthra	3	30	Daphnia sm.	1	10
Keratella			Diaphanosoma		
Lecane	1	10	Macrothrix	1	10
Platylas			Moina	65	650
Polyarthra	6	60	Others		
Rotaria	5	50	CHIRONOMIDAE		
Synchaeta			NEMATODES		
Trichocerca					
Sub-total:	132	1320	Sub-total:	117	1170
Notes.			Total:	249	2490

Helix Cotton Study Moree Australia.Study No. 90JH006ZOOPLANKTON COUNTS.

Date counted: 25 / Sept / 90 Counted by: DM

Site: (MSt) MSo TBx MTw Sampling station: Resr 2

Date sampled: 22 / Feb / 90

Sieve size: 63um

Volume of concentrated preserved sample: (10) 20 25 50 100 ml

Volume of sub-sample: 1 ml. % of sample 10%

ROTIFERA			OTHER TAXA		
	Sub-sample count	Total in sample		Sub-sample count	Total in sample
Asplanchna	5	50	COPEPODA		
Brachionus	91	910	Nauplii	49	490
Cephalodella			Ad. long ant.	2	20
Collotheca			Ad short ant	19	190
Colurella			CLADOCERA		
Conochilus			Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia	28	280	Daphnia lg.		
Hexarthra			Daphnia sml.	1	10
Keratella			Diaphanosoma		
Lecane	3	30	Macrothrix	1	10
Platytas	1	10	Moina	89	890
Polyarthra	4	40	Others		
Rotaria	10	100	CHIRONOMIDAE		
Synchaeta			NEMATODES		
Trichocerca					
Sub-total:	142	1420	Sub-total:	161	1610
Notes.			Total:	303	3030

ZOOPLANKTON COUNTS.

Date counted: 12 / Sept / 90 Counted by: JH

Site: MSt MSo TBx MTw

Sampling station: Res. 3

Date sampled: 22 / Feb / 90

Sieve size: 63um

Volume of concentrated preserved sample: 10 20 25 50 100 ml

Volume of sub-sample: 1 ml. % of sample 10%

ROTIFERA			OTHER TAXA		
	Sub-sample count	Total in sample		Sub-sample count	Total in sample
Asplanchna	6	60	COPEPODA		
Brachionus	23	230	Nauplii	23	230
Cephalodella			Ad. long ant.	5	50
Collotheca			Ad short ant	1	10
Colurella			CLADOCERA ②	31	310
Conochilus			Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia	6	60	Daphnia lg.	1	10
Hexarthra	2	20	Daphnia sml.		
Keratella ①?	10	100	Diaphanosoma		
Lecane	2	20	Macrothrix	1	10
Platyias			Moina		
Polyarthra			Others		
Rotaria			CHIRONOMIDAE		
Synchaeta			NEMATODES		
Trichocerca					
Others	8	80			
Sub-total:	57	570	Sub-total:	62	620
Notes.			Total:	119	1190

① Mainly



② Mainly moving

ZOOPLANKTON COUNTS.

Date counted: 25 / Sept / 90 Counted by: DK

Site: (MSt) MSo TBx MTw

Sampling station: Rev 4

Date sampled: 22 / Feb / 90

Sieve size: 63um

Volume of concentrated preserved sample: (10) 20 25 50 100 ml

Volume of sub-sample: 1 ml. % of sample 10%

ROTIFERA			OTHER TAXA		
	Sub-sample count	Total in sample		Sub-sample count	Total in sample
Asplanchna	6	60	COPEPODA		
Brachionus	78	780	Nauplii	23	230
Cephalodella			Ad. long ant.	1	10
Collotheca			Ad short ant	2	20
Colurella			CLADOCERA		
Conochilus			Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia	40	400	Daphnia lg.		
Hexarthra	1	10	Daphnia sml.	1	10
Keratella			Diaphanosoma		
Lecane	4	40	Macrothrix		
Platytias			Moina	30	300
Polyarthra	35	350	Others		
Rotaria	6	60	CHIRONOMIDAE		
Synchaeta			NEMATODES	1	10
Trichocerca					
Sub-total:	170	1700	Sub-total:	58	580
Notes.			Total:	228	2280

ZOOPLANKTON COUNTS.

Date counted: 13 / Sept / 90 Counted by: DU

Site: MSt MSo TBx MTw

Sampling station: Pool 1

Date sampled: 22 / Feb / 90

Sieve size: 63um

Volume of concentrated preserved sample: 10 20 25 50 100 ml

Volume of sub-sample: 1 ml. % of sample 10%

ROTIFERA			OTHER TAXA		
	Sub-sample count	Total in sample		Sub-sample count	Total in sample
Asplanchna			COPEPODA		
Brachionus	3	30	Nauplii	3	30
Cephalodella			Ad. long ant.		
Collotheca			Ad short ant	2	20
Colurella			CLADOCERA		
Conochilus			Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia	1	10	Daphnia lg.		
Hexarthra			Daphnia sm1.		
Keratella	3	30	Diaphanosoma		
Lecane	4	40	Macrothrix		
Platytias			Moina	1	10
Polyarthra			Others		
Rotaria			CHIRONOMIDAE		
Synchaeta			NEMATODES		
Trichocerca					
Other	2	20			
Sub-total:	13	130	Sub-total:	6	60
Notes.			Total:	19	190

ZOOPLANKTON COUNTS.

Date counted: 25 Sept 190 Counted by: DV

Site: (MSt) MSo TBx MTw

Sampling station: Pool 3

Date sampled: 22 Feb 190

Sieve size: 63um

Volume of concentrated preserved sample: (10) 20 25 50 100 ml

Volume of sub-sample: 1 ml. % of sample 10%

ROTIFERA			OTHER TAXA		
	Sub-sample count	Total in sample		Sub-sample count	Total in sample
Asplanchna	1	10	COPEPODA		
Brachionus	12	120	Nauplii	2	20
Cephalodella	2	20	Ad. long ant.		
Collotheca			Ad short ant	2	20
Colurella			CLADOCERA		
Conochilus			Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia			Daphnia lg.		
Hexarthra			Daphnia sm.		
Keratella			Diaphanosoma		
Lecane	2	20	Macrothrix		
Platyias			Moina	1	10
Polyarthra			Others		
Rotaria			CHIRONOMIDAE		
Synchaeta			NEMATODES		
Trichocerca					
Sub-total:	17	170	Sub-total:	5	50
Notes.			Total:	22	220

ZOOPLANKTON COUNTS.

Date counted: 17 Sept 190 Counted by: DU

Site: (MSt) MSo TBx MTw

Sampling station: Pool 4

Date sampled: 22 Feb 190

Sieve size: 63um

Volume of concentrated preserved sample: (10) 20 25 50 100 ml

Volume of sub-sample: 1 ml. % of sample 10%

ROTIFERA			OTHER TAXA		
	sub-sample count	Total in sample		sub-sample count	Total in sample
Asplanchna	3	30	COPEPODA		
Brachionus	4	40	Nauplii	34	340
Cephalodella	1	10	Ad. long ant.	2	20
Collotheca			Ad short ant		
Colurella			CLADOCERA		
Conochilus			Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia	4	40	Daphnia lg.		
Hexarthra	1	10	Daphnia sml.		
Keratella	3	30	Diaphanosoma		
Lecane			Macrothrix		
Platyias			Moina		
Polyarthra			Others ^{Small} cladocera	2	20
Rotaria			CHIRONOMIDAE		
Synchaeta			NEMATODES		
Trichocerca	1	10			
Others *	7	70			
Sub-total:	24	240	Sub-total:	38	380
			Total:	62	620

Notes.

Total:

*



0.5 mm



0.1 mm



0.15 mm

(3)

ZOOPLANKTON COUNTS.

Date counted: 12 / Sept 190 Counted by: DUL

Site: (MSt) MSo TBx MTw

Sampling station: Pool 5

Date sampled: 22 / Feb 190

Sieve size: 63um


Volume of concentrated preserved sample: (10) 20 25 50 100 ml

Volume of sub-sample: 1 ml. % of sample 10%

ROTIFERA			OTHER TAXA		
	Sub-sample count	Total in sample		Sub-sample count	Total in sample
Asplanchna			COPEPODA		
Brachionus	5	50	Nauplii	10	100
Cephalodella	1	10	Ad. long ant.		
Collotheca			Ad short ant		
Colurella			CLADOCERA		
Conochilus			Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia	2	20	Daphnia lg.		
Hexarthra			Daphnia sml.		
Keratella	1	10	Diaphanosoma		
Lecane			Macrothrix		
Platyias			Moina		
Polyarthra			Others		
Rotaria			CHIRONOMIDAE	1	10
Synchaeta			NEMATODES	1	10
Trichocerca			Other*	2	20
Sub-total:	9	90	Sub-total:	14	140
			Total:	23	230

Notes.

Total:

* 

ZOOPLANKTON COUNTS.

Date counted: 25/Sept/90 Counted by: DK

Site: (MSt) MSo TBx MTw Sampling station: Pool 10

Date sampled: 22/Feb/90

Sieve size: 63um

Volume of concentrated preserved sample: (10) 20 25 50 100 ml

Volume of sub-sample: 1 ml. % of sample 10%

ROTIFERA			OTHER TAXA		
	Sub-sample count	Total in sample		Sub-sample count	Total in sample
Asplanchna	1	10	COPEPODA		
Brachionus	3	30	Nauplii	11	110
Cephalodella			Ad. long ant.	1	10
Collotheca			Ad short ant		
Colurella			CLADOCERA *	2	20
Conochilus			Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia	1	10	Daphnia lg.		
Hexarthra			Daphnia sml.		
Keratella			Diaphanosoma		
Lecane	1	10	Macrothrix		
Platytias			Moina		
Polyarthra			Others		
Rotaria			CHIRONOMIDAE		
Synchaeta			NEMATODES		
Trichocerca					
Others	4	40			
Sub-total:	10	100	Sub-total:	14	140
Notes.			Total:	24	240

* V. Small

ZOOPLANKTON COUNTS.

Date counted: 25/Sept/90 Counted by: DU

Site: (MSt) MSo TBx MTw Sampling station: Pool 12

Date sampled: 22 / Feb / 90

Sieve size: 63um

Volume of concentrated preserved sample: (10) 20 25 50 100 ml

Volume of sub-sample: 1 ml. % of sample 10%

ROTIFERA			OTHER TAXA		
	Sub-sample count	Total in sample		Sub-sample count	Total in sample
Asplanchna			COPEPODA		
Brachionus	153	1530	Nauplii	1	10
Cephalodella?	1	10	Ad. long ant.		
Collotheca			Ad short ant		
Colurella			CLADOCERA		
Conochilus			Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia	1	10	Daphnia lg.		
Hexarthra			Daphnia sml.		
Keratella			Diaphanosoma		
Lecane			Macrothrix		
Platyias			Moina		
Polyarthra			Others ^{v. small} Cladocera	1	10
Rotaria			CHIRONOMIDAE	1	10
Synchaeta			NEMATODES		
Trichocerca			Odonata	1	10
Sub-total:	155	1550	Sub-total:	4	40
Notes.			Total:	159	1590

ZOOPLANKTON COUNTS.

Date counted: 25 / Sept / 90 Counted by: DU

Site: (MSt) MSo TBx MTw

Sampling station: Pool 15

Date sampled: 22 / Feb / 90

Sieve size: 63um

Volume of concentrated preserved sample: (10) 20 25 50 100 ml

Volume of sub-sample: 1 ml. % of sample 10%

ROTIFERA			OTHER TAXA		
	Sub-sample count	Total in sample		Sub-sample count	Total in sample
Asplanchna			COPEPODA		
Brachionus	1	10	Nauplii	1	10
Cephalodella			Ad. long ant.		
Collotheca			Ad short ant	1	10
Colurella			CLADOCERA		
Conochilus			Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia			Daphnia lg.		
Hexarthra			Daphnia sml.		
Keratella			Diaphanosoma		
Lecane			Macrothrix		
Platyias			Moina		
Polyarthra			Others		
Rotaria	1	10	CHIRONOMIDAE		
Synchaeta			NEMATODES		
Trichocerca					
Sub-total:	2	20	Sub-total:	2	20
Notes.			Total:	4	40

ZOOPLANKTON COUNTS.

Date counted: 25 / Sept 190 Counted by: DU

Site: (MSt) MSo TBx MTw

Sampling station: Pool 17

Date sampled: 22 / Feb 190

Sieve size: 63um

Volume of concentrated preserved sample: (10) 20 25 50 100 ml

Volume of sub-sample: 1 ml. % of sample 10%

ROTIFERA			OTHER TAXA		
	Sub-sample count	Total in sample		Sub-sample count	Total in sample
Asplanchna			COPEPODA		
Brachionus	1	10	Nauplii	7	70
Cephalodella			Ad. long ant.		
Collotheca			Ad short ant	1	10
Colurella	2	20	CLADOCERA		
Conochilus			Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia	2	20	Daphnia lg.		
Hexarthra			Daphnia sml.		
Keratella			Diaphanosoma		
Lecane			Macrothrix		
Platyias			Moina		
Polyarthra	1	10	Others		
Rotaria	2	20	CHIRONOMIDAE	2	20
Synchaeta			NEMATODES	3	30
Trichocerca					
Sub-total:	8	80	Sub-total:	13	130
Notes.			Total:	21	210

ZOOPLANKTON COUNTS.

Date counted: 25 / Sept / 90 Counted by: DUL

Site: (MSt) MSo TBx MTw

Sampling station: Pool 23

Date sampled: 22 / Feb / 90

Sieve size: 63um

Volume of concentrated preserved sample: (10) 20 25 50 100 ml

Volume of sub-sample: 1 ml. % of sample 10%

ROTIFERA			OTHER TAXA		
	Sub-sample count	Total in sample		Sub-sample count	Total in sample
Asplanchna			COPEPODA		
Brachionus	2	20	Nauplii	15	150
Cephalodella			Ad. long ant.	3	30
Collotheca			Ad short ant	3	30
Colurella	3	30	CLADOCERA		
Conochilus			Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia			Daphnia lg.		
Hexarthra			Daphnia sml.		
Keratella			Diaphanosoma		
Lecane	4	40	Macrothrix		
Platyias			Moina		
Polyarthra			Others		
Rotaria			CHIRONOMIDAE		
Synchaeta			NEMATODES		
Trichocerca					
other	4	40			
Sub-total:	13	130	Sub-total:	21	210
Notes.			Total:	34	340

DATE 1

MTw

ROTIFERA

Asplanchna

Brachionus

Conochilus

Filinia

Hexarthra

Keratella

Lecane

Polyarthra

Rotaria

Trichocerca

Others

CLADOCERA

Daphnia (large)

Daphnia (small)

Moina

ZOOPLANKTON COUNTS.

Date counted: 17 / Sept / 90 Counted by: JH

Site: MSt MSo TBx MTw

Sampling station: Res 1

Date sampled: 23 / Feb / 90

Sieve size: 63um

Volume of concentrated preserved sample: 10 20 25 50 100 ml

Volume of sub-sample: 1 ml. % of sample 10%

ROTIFERA			OTHER TAXA		
	Sub-sample count	Total in sample		Sub-sample count	Total in sample
Asplanchna	8	80	COPEPODA		
Brachionus	3	30	Nauplii	7	70
Cephalodella			Ad. long ant.	63	630
Collotheca			Ad short ant	3	30
Colurella			CLADOCERA		
Conochilus			Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia	2	20	Daphnia lg.		
Hexarthra			Daphnia sml.	13	130
Keratella	7	70	Diaphanosoma		
Lecane			Macrothrix		
Platyias			Moina	1	10
Polyarthra			Others		
Rotaria			CHIRONOMIDAE		
Synchaeta			NEMATODES		
Trichocerca					
Other	3	30			
Sub-total:	23	230	Sub-total:	87	870
Notes.			Total:	110	1100

ZOOPLANKTON COUNTS.

 Date counted: 25/Sept/90 Counted by: DU

 Site: MSt MSo TBx (MTw)

 Sampling station: Resr 2

 Date sampled: 23/Feb/90

 Sieve size: 63um

 Volume of concentrated preserved sample: (10) 20 25 50 100 ml

 Volume of sub-sample: 1 ml. % of sample 10%

ROTIFERA			OTHER TAXA		
	Sub-sample count	Total in sample		Sub-sample count	Total in sample
Asplanchna			COPEPODA		
Brachionus	<u>1</u>	<u>10</u>	Nauplii	<u>26</u>	<u>260</u>
Cephalodella			Ad. long ant.	<u>26</u>	<u>260</u>
Collotheca			Ad short ant	<u>1</u>	<u>10</u>
Colurella			CLADOCERA		
Conochilus	<u>1</u>	<u>10</u>	Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia			Daphnia lg.	<u>5</u>	<u>50</u>
Hexarthra			Daphnia sml.	<u>2</u>	<u>20</u>
Keratella	<u>2</u>	<u>20</u>	Diaphanosoma		
Lecane	<u>1</u>	<u>10</u>	Macrothrix		
Platyias			Moina		
Polyarthra	<u>1</u>	<u>10</u>	Others		
Rotaria	<u>1</u>	<u>10</u>	CHIRONOMIDAE		
Synchaeta			NEMATODES		
Trichocerca					
Sub-total:	<u>7</u>	<u>70</u>	Sub-total:	<u>60</u>	<u>600</u>
Notes.			Total:	<u>67</u>	<u>670</u>

ZOOPLANKTON COUNTS.

Date counted: 12 / Sept / 90 Counted by: DU

Site: MSt MSo TBx

(MTw)

Sampling station: Res. 3

Date sampled: 23 / Feb / 190

Sieve size: 63um

Volume of concentrated preserved sample: (10) 20 25 50 100 ml

Volume of sub-sample: 1 ml. % of sample 10%

ROTIFERA			OTHER TAXA		
	Sub-sample count	Total in sample		Sub-sample count	Total in sample
Asplanchna	1	10	COPEPODA		
Brachionus	7	70	Nauplii	73	730
Cephalodella			Ad. long ant.	51	570
Collotheca			Ad short ant	12	120
Colurella			CLADOCERA		
Conochilus	3	30	Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia	2	20	Daphnia lg.*	17	170
Hexarthra			Daphnia sm1.		
Keratella	11	110	Diaphanosoma		
Lecane			Macrothrix		
Platyias			Moina		
Polyarthra			Others		
Rotaria			CHIRONOMIDAE		
Synchaeta			NEMATODES		
Trichocerca					
Sub-total:	24	240	Sub-total:	153	1530
			Total:	177	1770

Notes.

* Daphnia carinata

ZOOPLANKTON COUNTS.

Date counted: 12 / Sept / 90 Counted by: UK

Site: MSt MSo TBx (MTw)

Sampling station: Resr 4

Date sampled: 23 / Feb / 90

Sieve size: 63um

Volume of concentrated preserved sample: (10) 20 25 50 100 ml

Volume of sub-sample: 1 ml. % of sample 10%

ROTIFERA			OTHER TAXA		
	Sub-sample count	Total in sample		Sub-sample count	Total in sample
Asplanchna	1	10	COPEPODA		
Brachionus	4	40	Nauplii	26	260
Cephalodella			Ad. long ant.	82	820
Collotheca			Ad short ant	5	50
Colurella			CLADOCERA		
Conochilus			Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia			Daphnia lg.	12	120
Hexarthra			Daphnia sm1.	22	220
Keratella	1	10	Diaphanosoma		
Lecane	1	10	Macrothrix		
Platytias			Moina		
Polyarthra			Others		
Rotaria			CHIRONOMIDAE		
Synchaeta			NEMATODES	1	10
Trichocerca					
Sub-total:	7	70	Sub-total:	148	1480
Notes.			Total:	155	1550

ZOOPLANKTON COUNTS.

Date counted: 30 July 190 Counted by: JAB/DU

Site: MSt MSo TBx (MTw) Sampling station: Pool 25

Date sampled: 23/12/90 Sieve size: 63um

Volume of concentrated preserved sample: (10) 20 25 50 100 ml

Volume of sub-sample: 1 ml. % of sample 10%

ROTIFERA			OTHER TAXA		
	Sub-sample count	Total in sample		Sub-sample count	Total in sample
Asplanchna			COPEPODA Adults	22	220
Brachionus	4	40	Nauplii	119	1190
Cephalodella			Ad. long ant.		
Collotheca			Ad short ant		
Colurella			CLADOCERA *	15	150
Conochilus			Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia	12	120	Daphnia lg.		
Hexarthra	18	180	Daphnia sml.		
Keratella	5	50	Diaphanosoma		
Lecane	2	20	Macrothrix		
Platyias			Moina		
Polyarthra	5	50	Others		
Rotaria			CHIRONOMIDAE		
Synchaeta			NEMATODES		
Trichocerca	1	10			
Other	10	100			
Sub-total:	57		Sub-total:	156	1560
Notes.			Total:	213	2130

* 8 Cladocera mounted for further examination 7 main
1 Daphnia

Helix Cotton Study Moree Australia.Study No. 90JH006ZOOPLANKTON COUNTS.

Date counted: 21 / Sept / 90 Counted by: DU

Site: MSt MSo TBx

(MTW)

Sampling station: Pool 31

Date sampled: 23 / Feb / 90

Sieve size: 63um

Volume of concentrated preserved sample: (10) 20 25 50 100 ml

Volume of sub-sample: 1 ml. % of sample 10 %

ROTIFERA			OTHER TAXA		
	Sub-sample count	Total in sample		Sub-sample count	Total in sample
Asplanchna	9	90	COPEPODA		
Brachionus	7	70	Nauplii	53	530
Cephalodella			Ad. long ant.	1	10
Collotheca			Ad short ant	7	70
Colurella			CLADOCERA		
Conochilus			Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia	2	20	Daphnia lg.		
Hexarthra	1	10	Daphnia sml.	1	10
Keratella	3	30	Diaphanosoma		
Lecane	2	20	Macrothrix		
Platytias			Moina	3	30
Polyarthra	10	100	Others		
Rotaria			CHIRONOMIDAE		
Synchaeta			NEMATODES		
Trichocerca					
Sub-total:	34	340	Sub-total:	65	650
Notes.			Total:	99	990

ZOOPLANKTON COUNTS.

Date counted: 26 / Sept / 90 Counted by: D U

Site: MSt MSo TBx

(MTw)

Sampling station: Pool 32

Date sampled: 23 / Feb / 90

Sieve size: 63um

Volume of concentrated preserved sample: (10) 20 25 50 100 ml

Volume of sub-sample: 1 ml. % of sample 10%

ROTIFERA			OTHER TAXA		
	Sub-sample count	Total in sample		Sub-sample count	Total in sample
Asplanchna			COPEPODA		
Brachionus	24	240	Nauplii	199	1990
Cephalodella			Ad. long ant.		
Collotheca			Ad short ant	20	200
Colurella			CLADOCERA		
Conochilus			Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia	2	20	Daphnia lg.		
Hexarthra			Daphnia sm1.		
Keratella			Diaphanosoma		
Lecane			Macrothrix		
Platyias			Moina		
Polyarthra	24	240	Others		
Rotaria			CHIRONOMIDAE		
Synchaeta			NEMATODES		
Trichocerca					
Sub-total:	50	500	Sub-total:	219	2190
Notes.			Total:	269	2690

ZOOPLANKTON COUNTS.

Date counted: 13 Sept 190 Counted by: DV

Site: MSt MSo TBx MTw

Sampling station: Pool 34

Date sampled: 23 Feb 190

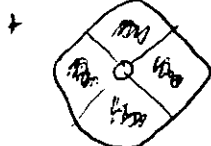
Sieve size: 63um

Volume of concentrated preserved sample: 10 20 25 50 100 ml

Volume of sub-sample: 1 ml. % of sample 10%

ROTIFERA			OTHER TAXA		
	Sub-sample count	Total in sample		Sub-sample count	Total in sample
Asplanchna			COPEPODA		
Brachionus			Nauplii	94	940
Cephalodella			Ad. long ant.		
Collotheca			Ad short ant	11	110
Colurella			CLADOCERA		
Conochilus			Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia	3	30	Daphnia lg.		
Hexarthra	3	30	Daphnia sml.		
Keratella	1	10	Diaphanosoma		
Lecane			Macrothrix		
Platyias			Moina	4	40
Polyarthra			Others		
Rotaria			CHIRONOMIDAE		
Synchaeta			NEMATODES		
Trichocerca			Other ⁴	1	10
Sub-total:	7	70	Sub-total:	110	1100
			Total:	117	1170

Notes.



0.05mm

ZOOPLANKTON COUNTS.

Date counted: 26 / Sept / 90 Counted by: DUL

Site: MSt MSo TBx (MTw)

Sampling station: Pool 35

Date sampled: 23 / Feb / 90

Sieve size: 63um

Volume of concentrated preserved sample: (10) 20 25 50 100 ml

Volume of sub-sample: 1 ml. % of sample 10%

ROTIFERA			OTHER TAXA		
	Sub-sample count	Total in sample		Sub-sample count	Total in sample
Asplanchna	33	330	COPEPODA		
Brachionus	8	80	Nauplii	99	990
Cephalodella			Ad. long ant.	1	10
Collotheca			Ad short ant	4	40
Colurella			CLADOCERA		
Conochilus			Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia	1	10	Daphnia lg.		
Hexarthra			Daphnia sm.		
Keratella			Diaphanosoma		
Lecane	1	10	Macrothrix		
Platyias			Moina	6	60
Polyarthra	2	20	Others		
Rotaria	1	10	CHIRONOMIDAE		
Synchaeta			NEMATODES		
Trichocerca					
Sub-total:	46	460	Sub-total:	110	1100
Notes.			Total:	156	1560

ZOOPLANKTON COUNTS.

Date counted: 26/ Sept 190 Counted by: *DK*

Site: MSt MSo TBx (MTw)

Sampling station: *Pool 36*

Date sampled: 23/ Feb 190

Sieve size: 63um

Volume of concentrated preserved sample: 10 20 25 (50) 100 ml

Volume of sub-sample: 1 ml. % of sample *2%*

ROTIFERA			OTHER TAXA		
	sub-sample count	Total in sample		sub-sample count	Total in sample
Asplanchna	3	150	COPEPODA		
Brachionus	1	50	Nauplii	98	4900
Cephalodella			Ad. long ant.	51	2550
Collotheca			Ad short ant	18	900
Colurella			CLADOCERA		
Conochilus	12	600	Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia			Daphnia lg.		
Hexarthra			Daphnia sm1.		
Keratella			Diaphanosoma		
Lecane	1	50	Macrothrix		
Platyias			Moina		
Polyarthra			Others <i>V. snell</i>	5	250
Rotaria			CHIRONOMIDAE		
Synchaeta			NEMATODES		
Trichocerca			others *	3	150
Sub-total:	17	850	Sub-total:	175	8750
			Total:	192	9600

Notes.

Total:

*

clear pink.
0.08m. - later 10 as part of large copepoda.
(spumato-phora)

ZOOPLANKTON COUNTS,

Date counted: 26 / Sep / 90 Counted by: D K

Site: MSt MSo TBx

(MTw)

Sampling station: Pool 43

Date sampled: 23 / Feb / 90

Sieve size: 63um

Volume of concentrated preserved sample: 10 20 25 (50) 100 ml

Volume of sub-sample: 1 ml. % of sample 2%

ROTIFERA			OTHER TAXA		
	sub-sample count	Total in sample		sub-sample count	Total in sample
Asplanchna			COPEPODA		
Brachionus	24	1200	Nauplii	148	7400
Cephalodella			Ad. long ant.	1	50
Collotheca			Ad short ant	17	650
Colurella			CLADOCERA		
Conochilus			Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia	5	250	Daphnia lg.		
Hexarthra	72	3600	Daphnia sm.		
Keratella			Diaphanosoma		
Lecane			Macrothrix		
Platylas			Moina	24	1200
Polyarthra	34	1700	Others		
Rotaria			CHIRONOMIDAE		
Synchaeta			NEMATODES		
Trichocerca					
Sub-total:	135	6750	Sub-total:	186	9300
Notes.			Total:	321	16050

ZOOPLANKTON COUNTS.

Date counted: 26/Sep/90 Counted by: DU

Site: MSt MSo TBx (MTW)

Sampling station: TWR 8

Date sampled: 23/Feb/90

Sieve size: 63um

Volume of concentrated preserved sample: (10) 20 25 50 100 ml

Volume of sub-sample: 1 ml. % of sample 10%

ROTIFERA			OTHER TAXA		
	sub-sample count	Total in sample		sub-sample count	Total in sample
Asplanchna	2	20	COPEPODA		
Brachionus	83	830	Nauplii	130	130
Cephalodella			Ad. long ant.	3	30
Collotheca			Ad short ant	25	250
Colurella			CLADOCERA		
Conochilus			Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia	12	120	Daphnia lg.		
Hexarthra	2	20	Daphnia sml.		
Veratella	10	100	Diaphanosoma		
Lecane	52	520	Macrothrix		
Platyias			Moina	12	120
Polyarthra	11	110	Others		
Rotaria			CHIRONOMIDAE		
Synchaeta			NEMATODES		
Trichocerca					
Sub-total:	172	1720	Sub-total:	170	170
Notes.			Total:	342	3420

ZOOPLANKTON COUNTS.

Date counted: 11 / Sept / 90 Counted by: DU

Site: MST MSo TBx (MTW)

Sampling station: TWR 10

Date sampled: 23 / Feb / 90

Sieve size: 63um


Volume of concentrated preserved sample: (10) 20 25 50 100 ml

Volume of sub-sample: 1 ml. % of sample 10%

ROTIFERA			OTHER TAXA		
	sub-sample count	Total in sample		sub-sample count	Total in sample
Asplanchna			COPEPODA		
Brachionus	4	40	Nauplii	63	630
Cephalodella			Ad. long ant.	32	320
Collotheca			Ad short ant	40	40
Colurella			CLADOCERA		
Conochilus			Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia	1	10	Daphnia lg.		
Hexarthra	2	20	Daphnia sml.		
Keratella			Diaphanosoma		
Lecane			Macrothrix		
Platyias			Moina		
Polyarthra			Others v. small	6	60
Rotaria			CHIRONOMIDAE		
Synchaeta			NEMATODES		
Trichocerca			Others *	1	10
Sub-total:	7	70	Sub-total:	142	1420
			Total:	149	1490

Notes.

Total:

*  no segments.
0.5mm

DATE 1

MCK/CCK

ROTIFERA

Asplanchna

Brachionus

Euclaris

Filinia

Lecane

Polyarthra

Rotaria

CLADOCERA

Chydorus

Daphnia (small)

Moina

ZOOPLANKTON COUNTS.

Date counted: 26 / Sept / 90 Counted by: DUL

Site: MSt MSo TBx MTw

Sampling station: MCK1 (MSE)

Date sampled: 21 / Feb / 90

Sieve size: 63um

Volume of concentrated preserved sample: (10) 20 25 50 100 ml

Volume of sub-sample: 1 ml. % of sample 10%

ROTIFERA			OTHER TAXA		
	sub-sample count	Total in sample		sub-sample count	Total in sample
Asplanchna	78	780	COPEPODA		
Brachionus	56	560	Nauplii	318	3180
Cephalodella			Ad. long ant.	2	20
Collotheca			Ad short ant.	74	740
Colurella			CLADOCERA		
Conochilus			Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia	9	90	Daphnia lg.		
Hexarthra			Daphnia sml.*	1	10
Keratella			Diaphanosoma		
Lecane	9	90	Macrothrix		
Platyias			Moina	4	40
Polyarthra	5	50	Others **	2	20
Rotaria	4	40	CHIRONOMIDAE		
Synchaeta			NEMATODES		
Trichocerca			oligochaeta	1	10
Sub-total:	161	1610	Sub-total:	402	4020
			Total:	563	5630

Notes.

** Chydorus

x Daphnia lumholzi.

ZOOPLANKTON COUNTS.

Date counted: 26 / Sept / 90 Counted by: DU

Site: MSt MSo TBx MTW

Sampling station: CCK 1 (MSo)

Date sampled: 21 / Feb / 90

Sieve size: 63um

Volume of concentrated preserved sample: (10) 20 25 50 100 ml

Volume of sub-sample: 1 ml. % of sample 10%

ROTIFERA			OTHER TAXA		
	sub-sample count	Total in sample		sub-sample count	Total in sample
Asplanchna	4	40	COPEPODA		
Brachionus	18	180	Nauplii	28	280
Cephalodella			Ad. long ant.		
Collotheca			Ad short ant	5	50
Colurella			CLADOCERA		
Conochilus			Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia	14	140	Daphnia lg.		
Hexarthra			Daphnia sml.		
Keratella			Diaphanosoma		
Lecane			Macrothrix		
Platyias			Moina	3	30
Polyarthra	9	90	Others		
Rotaria			CHIRONOMIDAE		
Synchaeta			NEMATODES		
Trichocerca					
Sub-total:	45	450	Sub-total:	36	360
Notes.			Total:	81	810

ZOOPLANKTON COUNTS.

Date counted: / / Counted by:

Site: MSt MSo TBx MTw

Sampling station: LCK 2 (MS inlet)

Date sampled: / /

Sieve size: 63µm

Volume of concentrated preserved sample: 10 20 25 50 100 ml

Volume of sub-sample: 1 ml. % of sample

ROTIFERA			OTHER TAXA		
	sub-sample count	Total in sample		sub-sample count	Total in sample
Asplanchna			COPEPODA		
Brachionus			Nauplii		
Cephalodella			Ad. long ant.		
Collotheca			Ad short ant.		
Colurella			CLADOCERA		
Conochilus			Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia			Daphnia lg.		
Hexarthra			Daphnia sm.		
Heratella			Diaphanosoma		
Lecane			Macrothrix		
Platylas			Moina		
Polyarthra			Others		
Rotaria			CHIRONOMIDAE		
Synchaeta			NEMATODES		
Trichocerca					
Sub-total:			Sub-total:		
Notes.			Total:		

No Sample

ZOOPLANKTON COUNTS.

Date counted: 27 / Sept / 90 Counted by:

Site: MSt MSo TBx MTw

Sampling station: CCK3 (MSt Inlet)

Date sampled: 21 / Feb / 90

Sieve size: 63um

Volume of concentrated preserved sample: (10) 20 25 50 100 ml

Volume of sub-sample: 1 ml. % of sample 10%

ROTIFERA			OTHER TAXA		
	sub-sample count	Total in sample		sub-sample count	Total in sample
Asplanchna			COPEPODA		
Brachionus	1	10	Nauplii	6	60
Cephalodella			Ad. long ant.		
Collotheca			Ad short ant		
Colurella			CLADOCERA		
Conochilus			Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia	1	10	Daphnia lg.		
Hexarthra			Daphnia sm.		
Keratella			Diaphanosoma		
Lecane			Macrothrix		
Platyias			Moina		
Polyarthra			Others		
Rotaria			CHIRONOMIDAE		
Synchaeta			NEMATODES		
Trichocerca					
Sub-total:	2	20	Sub-total:	6	60
Notes.			Total:	8	80

ZOOPLANKTON COUNTS.

Date counted: 27/Sep/90 Counted by: D U

Site: MSt MSo TBx MTw

Sampling station: CCK 4 (MSt BBQ Area)

Date sampled: 22/Feb/90

Sieve size: 63um

Volume of concentrated preserved sample: (10) 20 25 50 100 ml

Volume of sub-sample: 1 ml. % of sample 10%

ROTIFERA			OTHER TAXA		
	sub-sample count	Total in sample		sub-sample count	Total in sample
Asplanchna	20	200	COPEPODA		
Brachionus	12	120	Nauplii	27	270
Cephalodella			Ad. long ant.		
Collotheca			Ad short ant		
Colurella			CLADOCERA		
Conochilus			Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia	6	60	Daphnia lg.		
Hexarthra			Daphnia sml.		
Keratella			Diaphanosoma		
Lecane			Macrothrix		
Platyias			Moina ?	1	10
Polyarthra	8	80	Others		
Rotaria			CHIRONOMIDAE		
Synchaeta			NEMATODES		
Trichocerca					
Sub-total:	46	460	Sub-total:	28	280
Notes.			Total:	74	740

ZOOPLANKTON COUNTS.

Date counted: 27 / Sept / 90 Counted by: DK

Site: MSt MSo TBx MTw Sampling station: Ck 5 (MTw Blow out)

Date sampled: 22 / Feb / 90

Sieve size: 63um

Volume of concentrated preserved sample: (10) 20 25 50 100 ml

Volume of sub-sample: 1 ml. % of sample 10 %

ROTIFERA			OTHER TAXA		
	sub-sample count	Total in sample		sub-sample count	Total in sample
Asplanchna	1	10	COPEPODA		
Brachionus	6	60	Nauplii	4	40
Cephalodella			Ad. long ant.		
Collotheca			Ad short ant		
Colurella			CLADOCERA		
Conochilus			Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia	1	10	Daphnia lg.		
Hexarthra			Daphnia sml.		
Keratella			Diaphanosoma		
Lecane			Macrothrix		
Platyias			Moina ?	1	10
Polyarthra	1	10	Others		
Rotaria			CHIRONOMIDAE		
Synchaeta			NEMATODES		
Trichocerca			Vorticellid colony	1	10
Sub-total:	9	90	Sub-total:	6	60
Notes.			Total:	15	150

ZOOPLANKTON COUNTS.

Date counted: 27/Sept/90 Counted by: DVL

Site: MSt MSo TBx MTw

Sampling station: CCK 6 (TBx)

Date sampled: 22 Feb 190

Sieve size: 63um

Volume of concentrated preserved sample: (10) 20 25 50 100 ml

Volume of sub-sample: 1 ml. % of sample 10%

ROTIFERA			OTHER TAXA		
	sub-sample count	Total in sample		sub-sample count	Total in sample
Asplanchna			COPEPODA		
Brachionus	5	50	Nauplii	3	30
Cephalodella			Ad. long ant.		
Collotheca			Ad short ant		
Colurella			CLADOCERA		
Conochilus			Alona		
Epiphanes			Bosmina		
Euclaris	3	30	Ceriodaphnia		
Filinia			Daphnia lg.		
Hexarthra			Daphnia sm.		
Keratella			Diaphanosoma		
Lecane	3	30	Macrothrix		
Platyias			Moina		
Polyarthra	2	20	Others		
Rotaria	1	10	CHIRONOMIDAE		
Synchaeta			NEMATODES	1	10
Trichocerca					
Sub-total:	14	140	Sub-total:	4	40
Notes.			Total:	18	180

ZOOPLANKTON COUNTS.

Date counted: 27 / Sept / 90 Counted by: DK

Site: MSt MSo TBx MTw

Sampling station: CCK 7 (TBx Inlet)

Date sampled: 22 / Feb / 90

Sieve size: 63um

Volume of concentrated preserved sample: (10) 20 25 50 100 ml

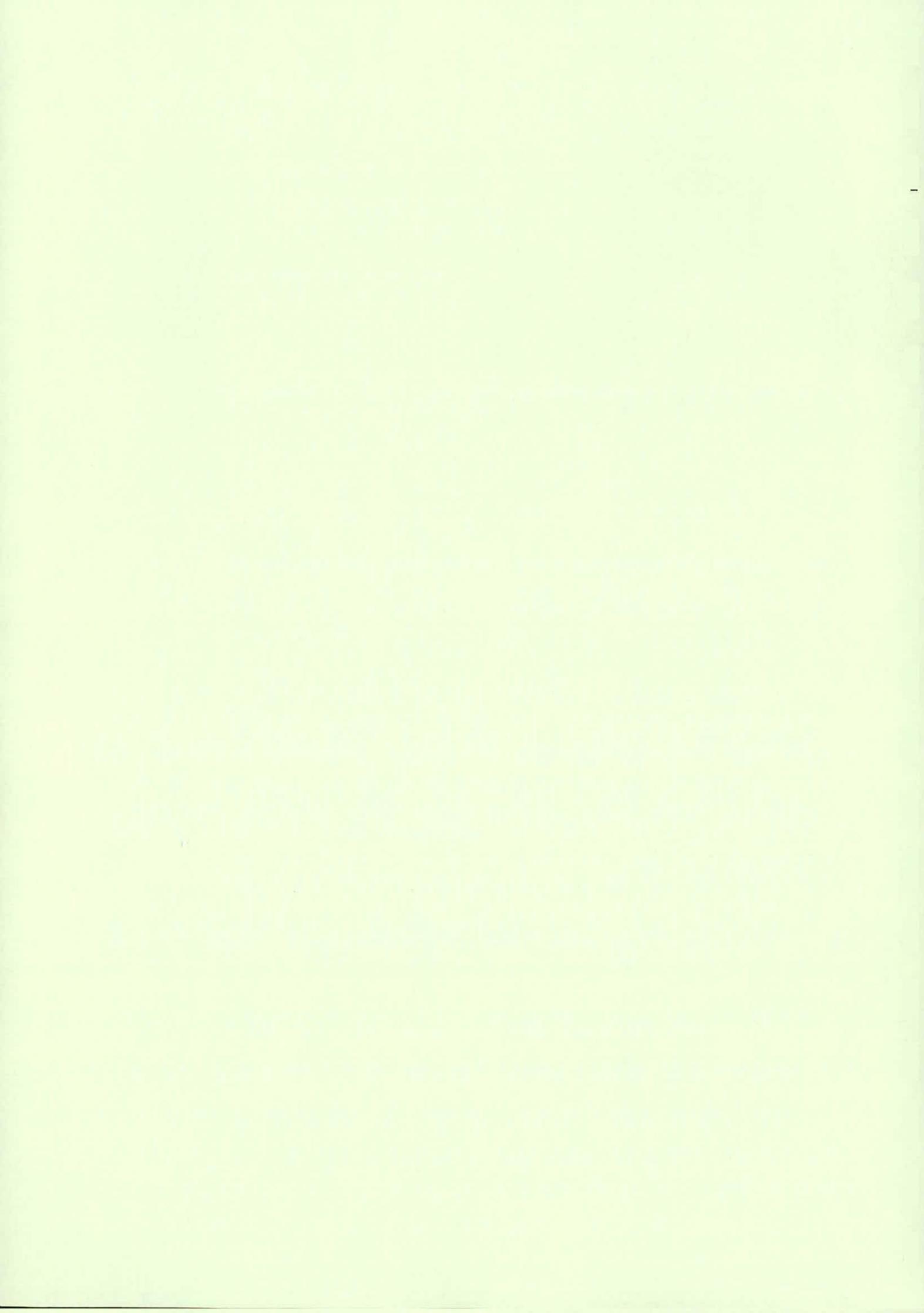
Volume of sub-sample: 1 ml. % of sample 10%

ROTIFERA			OTHER TAXA		
	sub-sample count	Total in sample		sub-sample count	Total in sample
Asplanchna			COPEPODA		
Brachionus	221	2210	Nauplii	5	50
Cephalodella			Ad. long ant.		
Collotheca			Ad short ant	2	20
Colurella			CLADOCERA		
Conochilus			Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia	1	10	Daphnia lg.		
Hexarthra			Daphnia sm.		
Keratella			Diaphanosoma		
Lecane			Macrothrix		
Platyias			Moina ?	1	10
Polyarthra	1	10	Others		
Rotaria			CHIRONOMIDAE		
Synchaeta			NEMATODES		
Trichocerca			Odonata	1	10
Sub-total:	223	2230	Sub-total:	9	90
Notes.			Total:	232	2320

algae filaments present

BIOLOGICAL - ZOOPLANKTON; Date 2

05-Mar-90	BIO	ZP	MSo	Resr 1	-
05-Mar-90	BIO	ZP	MSo	Resr 2	-
05-Mar-90	BIO	ZP	MSo	Resr 3	-
05-Mar-90	BIO	ZP	MSo	Resr 4	-
05-Mar-90	BIO	ZP	MSo	Pool 1	-
05-Mar-90	BIO	ZP	MSo	Pool 5	-
05-Mar-90	BIO	ZP	MSo	Pool 6	-
05-Mar-90	BIO	ZP	MSo	Pool 7	-
05-Mar-90	BIO	ZP	MSo	Pool 9	-
05-Mar-90	BIO	ZP	MSo	Pool 10	-
05-Mar-90	BIO	ZP	MSo	Pool 13	-
05-Mar-90	BIO	ZP	MSo	Pool 16	-
05-Mar-90	BIO	ZP	MSo	Pool 17	-
05-Mar-90	BIO	ZP	MSo	Pool 18	-
05-Mar-90	BIO	ZP	MSo	TWR 6	-
07-Mar-90	BIO	ZP	TBx	Pool 1	-
07-Mar-90	BIO	ZP	TBx	Pool 2	-
07-Mar-90	BIO	ZP	TBx	Pool 5	-
07-Mar-90	BIO	ZP	TBx	Pool 6	-
07-Mar-90	BIO	ZP	TBx	Pool 8	-
07-Mar-90	BIO	ZP	TBx	Pool 9	-
07-Mar-90	BIO	ZP	TBx	Pool 10	-
07-Mar-90	BIO	ZP	TBx	Pool 12	-
07-Mar-90	BIO	ZP	TBx	Pool 13	-
07-Mar-90	BIO	ZP	TBx	TWR 4	-
07-Mar-90	BIO	ZP	TBx	TWR 5	-
07-Mar-90	BIO	ZP	TBx	MF 1	-
06-Mar-90	BIO	ZP	MSt	Resr 1	-
06-Mar-90	BIO	ZP	MSt	Resr 2	-
06-Mar-90	BIO	ZP	MSt	Resr 3	-
06-Mar-90	BIO	ZP	MSt	Resr 4	-
06-Mar-90	BIO	ZP	MSt	Pool 1	-
06-Mar-90	BIO	ZP	MSt	Pool 3	-
06-Mar-90	BIO	ZP	MSt	Pool 4	-
06-Mar-90	BIO	ZP	MSt	Pool 5	-
06-Mar-90	BIO	ZP	MSt	Pool 10	-
06-Mar-90	BIO	ZP	MSt	Pool 12	-
06-Mar-90	BIO	ZP	MSt	Pool 15	-
06-Mar-90	BIO	ZP	MSt	Pool 17	-
06-Mar-90	BIO	ZP	MSt	Pool 23	-
08-Mar-90	BIO	ZP	MTw	Resr 1	-
08-Mar-90	BIO	ZP	MTw	Resr 2	-
08-Mar-90	BIO	ZP	MTw	Resr 3	-
08-Mar-90	BIO	ZP	MTw	Resr 4	-
08-Mar-90	BIO	ZP	MTw	Pool 25	-
08-Mar-90	BIO	ZP	MTw	Pool 31	-
08-Mar-90	BIO	ZP	MTw	Pool 32	-
08-Mar-90	BIO	ZP	MTw	Pool 34	-
08-Mar-90	BIO	ZP	MTw	Pool 35	-
08-Mar-90	BIO	ZP	MTw	Pool 36	-
08-Mar-90	BIO	ZP	MTw	Pool 43	-
08-Mar-90	BIO	ZP	MTw	TWR 8	-
08-Mar-90	BIO	ZP	MTw	TWR 10	-
09-Mar-90	BIO	ZP	-	MCK 1	-
09-Mar-90	BIO	ZP	-	CCK 1	-
09-Mar-90	BIO	ZP	-	CCK 2	-
09-Mar-90	BIO	ZP	-	CCK 3	-
09-Mar-90	BIO	ZP	-	CCK 4	-
09-Mar-90	BIO	ZP	-	CCK 5	-
07-Mar-90	BIO	ZP	TBx	CCK 6	-
07-Mar-90	BIO	ZP	TBx	CCK 7	-



DATE 2

MSo

ROTIFERA

Asplanchna

Brachionus

Cephalodella

Collotheca

Conochilus

Epiphanes

Filinia

Hexarthra

Keratella

Lecane

Polyarthra

Rotaria

Trichocerca

Others

CLADOCERA

Ceriodaphnia

Daphnia (large)

Daphnia (small)

Diaphanosoma

Moina

ZOOPLANKTON COUNTS.

Date counted: 5/Nov/90 Counted by: DL

Site: MSt (MSO) TBx MTw

Sampling station: Res 1

Date sampled: 5/Mar/90

Sieve size: 63um

Volume of concentrated preserved sample: (10) 20 25 50 100 ml

Volume of sub-sample: 1 ml. % of sample 10%

ROTIFERA			OTHER TAXA		
	sub-sample count	Total in sample		sub-sample count	Total in sample
Asplanchna			COPEPODA		
Brachionus	4	40	Nauplii	35	350
Cephalodella			Ad. long ant.	6	60
Collotheca			Ad short ant		
Colurella			CLADOCERA		
Conochilus			Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia	2	20	Daphnia lg.		
Hexarthra	29	290	Daphnia sml.		
Keratella	7	70	Diaphanosoma		
Lecane	1	10	Macrothrix		
Platyias			Moina	3	30
Polyarthra			Others ^{v. small} (mova?)	1	10
Rotaria			CHIRONOMIDAE		
Synchaeta			NEMATODES		
Trichocerca					
Sub-total:	43	430	Sub-total:	45	450
Notes.			Total:	88	880

ZOOPLANKTON COUNTS.

Date counted: 5 Nov 90 Counted by: DL

Site: MSt MSO TBx MTw

Sampling station: Resr 2

Date sampled: 5 Mar 90

Sieve size: 63um

Volume of concentrated preserved sample: 10 20 25 50 100 ml

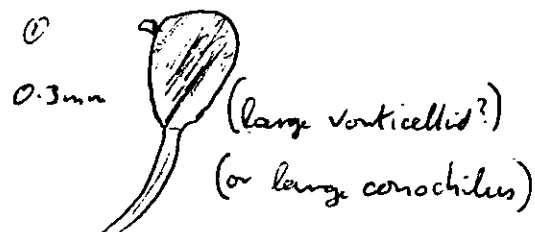
Volume of sub-sample: 1 ml. % of sample 1 %

ROTIFERA			OTHER TAXA		
	sub-sample count	Total in sample		sub-sample count	Total in sample
Asplanchna			COPEPODA		
Brachionus	2	200	Nauplii	18	1800
Cephalodella			Ad. long ant.	13	1300
Collotheca			Ad short ant		
Colurella			CLADOCERA		
Conochilus*	292	29200	Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia	1	100
Filinia			Daphnia lg.		
Hexarthra	32	3200	Daphnia sml.		
Keratella	1	100	Diaphanosoma		
Lecane			Macrothrix		
Platylas			Moina	6	600
Polyarthra	1	100	Others		
Rotaria	1	100	CHIRONOMIDAE		
Synchaeta			NEMATODES		
Trichocerca			others ^o	1	100
Sub-total:	329	32900	Sub-total:	39	3900
			Total:	368	36800

Notes.

Total:

* Colonial



Rotifera colonies 3

Vorticellid " 2

ZOOPLANKTON COUNTS.Date counted: 05/Nov/90 Counted by: DLSite: MSt (MSO) TBx MTwSampling station: Resr 3Date sampled: 5 Mar/90Sieve size: 63umVolume of concentrated preserved sample: 10 20 (25) 50 100 mlVolume of sub-sample: 1 ml. % of sample 4%

ROTIFERA			OTHER TAXA		
	sub-sample count	Total in sample		sub-sample count	Total in sample
Asplanchna			COPEPODA		
Brachionus			Nauplii	72	1800
Cephalodella			Ad. long ant.	71	1775
Collotheca			Ad short ant		
Colurella			CLADOCERA		
Conochilus			Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia	12	300	Daphnia lg.		
Hexarthra	145	3625	Daphnia sm1.		
Keratella	5	125	Diaphanosoma		
Lecane			Macrothrix		
Platyias			Moina	25	625
Polyarthra	4	100	Others		
Rotaria	5	125	CHIRONOMIDAE		
Synchaeta			NEMATODES		
Trichocerca	1	25			
Colonial/social (Conochilus)?	100	2500			
Sub-total:	272	6800	Sub-total:	168	4200
Notes.			Total:	440	11000

Vorticellid Colonies 4

Rotifera Colonies 1

ZOOPLANKTON COUNTS.Date counted: 5 Nov 90 Counted by: DLSite: MST (MSO) TBx MTwSampling station: Res 4Date sampled: 5 Mar 90Sieve size: 63umVolume of concentrated preserved sample: 10 20 25 (50) 100 mlVolume of sub-sample: 1 ml. % of sample 2%

ROTIFERA			OTHER TAXA		
	sub-sample count	Total in sample		sub-sample count	Total in sample
Asplanchna	1	50	COPEPODA		
Brachionus			Nauplii	70	3500
Cephalodella			Ad. long ant.	56	2800
Collotheca			Ad short ant		
Colurella			CLADOCERA		
Conochilus			Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia	5	250	Daphnia lg.		
Hexarthra	120	6000	Daphnia sm.		
Keratella	2	100	Diaphanosoma		
Lecane			Macrothrix		
Platyias			Moina	28	1400
Polyarthra	2	100	Others		
Rotaria	6	300	CHIRONOMIDAE		
Synchaeta			NEMATODES		
Trichocerca					
Colonial/sovereign (Conochilus)?	62	3100			
Sub-total:	198	9900	Sub-total:	154	7700
Notes.			Total:	352	17600

Vorticellid Colonies 4

Rotifera colonies 2

ZOOPLANKTON COUNTS.Date counted: 5 Nov/90 Counted by: DVLSite: MSt (MSO) TBx MTwSampling station: Pool 1Date sampled: 5 Nov/90Sieve size: 63umVolume of concentrated preserved sample: 10 20 25 (50) 100 mlVolume of sub-sample: 1 ml. % of sample 2%

ROTIFERA			OTHER TAXA		
	sub-sample count	Total in sample		sub-sample count	Total in sample
Asplanchna	1	50	COPEPODA		
Brachionus	1	50	Nauplii	43	2150
Cephalodella			Ad. long ant.	29	1450
Collotheca			Ad short ant		
Colurella			CLADOCERA		
Conochilus			Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia	12	600	Daphnia lg.		
Hexarthra	18	900	Daphnia sml.		
Keratella	7	350	Diaphanosoma		
Lecane			Macrothrix		
Platyias			Moina	12	600
Polyarthra	1	50	Others		
Rotaria	1	50	CHIRONOMIDAE		
Synchaeta			NEMATODES		
Trichocerca	1	50			
colonial/Scud	2	100			
Sub-total:	44	2200	Sub-total:	84	4200
Notes.			Total:	128	6400

ZOOPLANKTON COUNTS.Date counted: 5 / Nov / 90Counted by: DUSite: MSt (MSO) TBx MTwSampling station: Pool 5Date sampled: 5 / Mar / 90Sieve size: 63umVolume of concentrated preserved sample: (10) 20 25 50 100 mlVolume of sub-sample: 1 ml. % of sample 10%

ROTIFERA			OTHER TAXA		
	sub-sample count	Total in sample		sub-sample count	Total in sample
Asplanchna			COPEPODA		
Brachionus			Nauplii	<u>63</u>	<u>630</u>
Cephalodella			Ad. long ant.	<u>153</u>	<u>1530</u>
Collotheca			Ad short ant	<u>3</u>	<u>30</u>
Colurella			CLADOCERA		
Conochilus			Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia	<u>36</u>	<u>360</u>	Daphnia lg.		
Hexarthra	<u>4</u>	<u>40</u>	Daphnia sml.	<u>1</u>	<u>10</u>
Keratella	<u>4</u>	<u>40</u>	Diaphanosoma		
Lecane			Macrothrix		
Platyias			Moina	<u>45</u>	<u>450</u>
Polyarthra			Others		
Rotaria			CHIRONOMIDAE		
Synchaeta			NEMATODES		
Trichocerca	<u>1</u>	<u>10</u>			
Sub-total:	<u>45</u>	<u>450</u>	Sub-total:	<u>265</u>	<u>2650</u>
Notes.			Total:	<u>310</u>	<u>3100</u>

ZOOPLANKTON COUNTS.

Date counted: 5 / Nov / 90 Counted by: DK

Site: MSt (MSO) TBx MTw

Sampling station: Pool 6

Date sampled: 5 / Mar / 90

Sieve size: 63um

Volume of concentrated preserved sample: 10 20 25 (50) 100 ml

Volume of sub-sample: 1 ml. % of sample 2%

ROTIFERA			OTHER TAXA		
	sub-sample count	Total in sample		sub-sample count	Total in sample
Asplanchna	2	100	COPEPODA		
Brachionus	2	100	Nauplii	22	1100
Cephalodella			Ad. long ant.	106	5300
Collotheca			Ad short ant		
Colurella			CLADOCERA		
Conochilus			Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia	26	1300	Daphnia lg.		
Hexarthra	22	1100	Daphnia sml.	1	50
Keratella	2	100	Diaphanosoma		
Lecane			Macrothrix		
Platytas			Moina	128	6400
Polyarthra	2	100	Others		
Rotaria			CHIRONOMIDAE		
Synchaeta			NEMATODES		
Trichocerca	1	50			
Colonial/Sessile	3	150			
Sub-total:	60	3000	Sub-total:	257	12850
Notes.			Total:	317	15850

ZOOPLANKTON COUNTS.

Date counted: 6 Nov 90 Counted by: DU

Site: MSt (MSO) TBx MTw

Sampling station: Pool 7

Date sampled: 5 Mar 90

Sieve size: 63um

Volume of concentrated preserved sample: 10 20 25 (50) 100 ml

Volume of sub-sample: 1 ml. % of sample 2%

ROTIFERA			OTHER TAXA		
	sub-sample count	Total in sample		sub-sample count	Total in sample
Asplanchna			COPEPODA		
Brachionus	2	100	Nauplii	45	2250
Cephalodella			Ad. long ant.	12	600
Collotheca			Ad short ant		
Colurella			CLADOCERA		
Conochilus			Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia	7	350	Daphnia lg.		
Hexarthra	32	1600	Daphnia sm.	1	50
Keratella	6	300	Diaphanosoma		
Lecane			Macrothrix		
Platyias			Moina	8	400
Polyarthra			Others		
Rotaria			CHIRONOMIDAE		
Synchaeta			NEMATODES		
Trichocerca					
Sub-total:	47	2350	Sub-total:	66	3300
Notes.			Total:	113	5650

ZOOPLANKTON COUNTS.Date counted: 6 Nov 190 Counted by: DVLSite: MSt (MSO) TBx MTwSampling station: Pool 9Date sampled: 5 Mar 190Sieve size: 63umVolume of concentrated preserved sample: 10 20 (25) 50 100 mlVolume of sub-sample: 1 ml. % of sample 4%

ROTIFERA			OTHER TAXA		
	sub-sample count	Total in sample		sub-sample count	Total in sample
Asplanchna	3	75	COPEPODA		
Brachionus	5	125	Nauplii	85	2125
Cephalodella			Ad. long ant.	33	825
Collotheca ?	19	475	Ad short ant	1	25
Colurella			CLADOCERA		
Conochilus			Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia	15	375	Daphnia lg.		
Hexarthra	103	2575	Daphnia sm1.		
Keratella	18	450	Diaphanosoma		
Lecane			Macrothrix		
Platyias			Moina	4	100
Polyarthra			Others		
Rotaria			CHIRONOMIDAE		
Synchaeta			NEMATODES		
Trichocerca	2	50			
Sub-total:	165	4125	Sub-total:	123	3075
Notes.			Total:	288	7200

ZOOPLANKTON COUNTS.Date counted: 6 Nov 190 Counted by: DKSite: MSt (MSO) TBx MTwSampling station: Pool 10Date sampled: 5 Mar 190Sieve size: 63umVolume of concentrated preserved sample: 10 20 (25) 50 100 mlVolume of sub-sample: 1 ml. % of sample 4%

ROTIFERA			OTHER TAXA		
	sub-sample count	Total in sample		sub-sample count	Total in sample
Asplanchna	3	75	COPEPODA		
Brachionus	10	250	Nauplii	27	675
Cephalodella			Ad. long ant.	13	325
Collotheca	96	2400	Ad short ant		
Colurella			CLADOCERA		
Conochilus			Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia	50	1250	Daphnia lg.		
Hexarthra	330	8250	Daphnia sml.		
Keratella	13	325	Diaphanosoma	2	50
Lecane			Macrothrix		
Platyias			Moina	11	275
Polyarthra	7	175	Others		
Rotaria			CHIRONOMIDAE		
Synchaeta			NEMATODES		
Trichocerca	4	100			
Sub-total:	513	12825	Sub-total:	53	1325
Notes.			Total:	566	14150

Vorticellid colonies 3

Rotifera colonies 7

ZOOPLANKTON COUNTS.Date counted: 6 Nov/90 Counted by: DLSite: MSt (MSO) TBx MTwSampling station: Pool 13Date sampled: 5 Mar/90Sieve size: 63umVolume of concentrated preserved sample: (10) 20 25 50 100 mlVolume of sub-sample: 1 ml. % of sample 10%

ROTIFERA			OTHER TAXA		
	sub-sample count	Total in sample		sub-sample count	Total in sample
Asplanchna	2	20	COPEPODA		
Brachionus	23	230	Nauplii	9	90
Cephalodella	1	10	Ad. long ant.	16	160
Collotheca	24	240	Ad short ant		
Colurella			CLADOCERA		
Conochilus			Alona	1	10
Epiphanes	4	40	Bosmina		
Euclaris			Ceriodaphnia		
Filinia	40	400	Daphnia lg.		
Hexarthra	103	1030	Daphnia sml.		
Keratella	14	140	Diaphanosoma		
Lecane	5	50	Macrothrix		
Platyias			Moina	33	330
Polyarthra	13	130	Others		
Rotaria			CHIRONOMIDAE		
Synchaeta			NEMATODES		
Trichocerca	3	30			
Others	3	30			
Sub-total:	235	2350	Sub-total:	59	590
Notes.			Total:	294	2940

Rotifera colonies ①

ZOOPLANKTON COUNTS.

Date counted: 6 Nov 190 Counted by: DK

Site: MSt (MSO) TBx MTw

Sampling station: Pool 16

Date sampled: 5 Mar 90

Sieve size: 63um

Volume of concentrated preserved sample: 10 20 (25) 50 100 ml

Volume of sub-sample: 1 ml. % of sample 4%

ROTIFERA			OTHER TAXA		
	sub-sample count	Total in sample		sub-sample count	Total in sample
Asplanchna	25	625	COPEPODA		
Brachionus			Nauplii	1	25
Cephalodella			Ad. long ant.	59	1475
Collotheca	2	50	Ad short ant		
Colurella			CLADOCERA		
Conochilus			Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia	55	1375	Daphnia lg.		
Hexarthra	4	100	Daphnia sml.		
Keratella			Diaphanosoma		
Lecane	1	25	Macrothrix		
Platyias			Moina	17	425
Polyarthra			Others		
Rotaria			CHIRONOMIDAE		
Synchaeta			NEMATODES		
Trichocerca			Oligochaet segment	1	25
Sub-total:	87	2175	Sub-total:	78	1950
Notes.			Total:	165	4125

Springera present

ZOOPLANKTON COUNTS.Date counted: 6 Nov 90 Counted by: DUSite: MSt MSQ TBx MTwSampling station: Pool 17Date sampled: 5 Mar 90Sieve size: 63umVolume of concentrated preserved sample: 10 20 25 50 100 mlVolume of sub-sample: 1 ml. % of sample 4%

ROTIFERA			OTHER TAXA		
	sub-sample count	Total in sample		sub-sample count	Total in sample
Asplanchna	29	725	COPEPODA		
Brachionus	1	25	Nauplii	7	175
Cephalodella			Ad. long ant.	23	575
Collotheca			Ad short ant		
Colurella			CLADOCERA		
Conochilus			Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia	7	175	Daphnia lg.		
Hexarthra	14	350	Daphnia sml.		
Keratella			Diaphanosoma		
Lecane			Macrothrix		
Platytias			Moina	66	1650
Polyarthra			Others		
Rotaria			CHIRONOMIDAE		
Synchaeta			NEMATODES		
Trichocerca					
Sub-total:	51	1275	Sub-total:	96	2400
Notes.			Total:	147	3675

ZOOPLANKTON COUNTS.Date counted: 6 Nov 1990 Counted by: DUSite: MSt (MSQ) TBx MTwSampling station: Pool 18Date sampled: 5 Nov 1990Sieve size: 63umVolume of concentrated preserved sample: (10) 20 25 50 100 mlVolume of sub-sample: 1 ml. % of sample 10%

ROTIFERA			OTHER TAXA		
	sub-sample count	Total in sample		sub-sample count	Total in sample
Asplanchna	21	210	COPEPODA		
Brachionus	4	40	Nauplii	2	20
Cephalodella			Ad. long ant.	74	740
Collotheca ?	5	50	Ad short ant	1	10
Colurella			CLADOCERA		
Conochilus			Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia	9	90	Daphnia lg.		
Hexarthra	4	40	Daphnia sm1.	4	40
Keratella			Diaphanosoma		
Lecane			Macrothrix		
Platyias			Moina	136	1360
Polyarthra			Others		
Rotaria			CHIRONOMIDAE		
Synchaeta			NEMATODES		
Trichocerca					
Sub-total:	43	430	Sub-total:	217	2170
Notes.			Total:	260	2600

ZOOPLANKTON COUNTS.

Date counted: 7 Nov 90 Counted by: DL

Site: MSt (MSO) TBx MTw

Sampling station: TWR 6

Date sampled: 05 Nov 90

Sieve size: 63um

Volume of concentrated preserved sample: 10 20 (25) 50 100 ml

Volume of sub-sample: 1 ml. % of sample 4%

ROTIFERA			OTHER TAXA		
	sub-sample count	Total in sample		sub-sample count	Total in sample
Asplanchna	6	150	COPEPODA		
Brachionus	3	75	Nauplii	8	200
Cephalodella			Ad. long ant.	21	525
Collotheca	1	25	Ad short ant	1	25
Colurella			CLADOCERA		
Conochilus			Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia	8	200	Daphnia lg.	2	50
Hexarthra			Daphnia sm1.	17	425
Keratella	2	50	Diaphanosoma		
Lecane	3	75	Macrothrix		
Platyias			Moina	67	1675
Polyarthra			Others		
Rotaria			CHIRONOMIDAE		
Synchaeta			NEMATODES		
Trichocerca					
Sub-total:	23	575	Sub-total:	116	2900
Notes.			Total:	139	3475

DATE 2

TBx

ROTIFERA

Asplanchna

Brachionus

Filinia

Hexarthra

Keratella

Lecane

Polyarthra

Rotaria

Others

CLADOCERA

Ceriodaphnia

Daphnia (large)

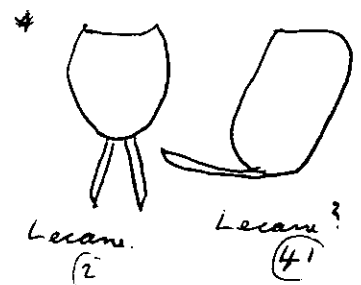
Daphnia (small)

Moina

ZOOPLANKTON COUNTS.Date counted: 7 Nov 190 Counted by: DUSite: MSt MSo TBX MTwSampling station: Pool 1Date sampled: 7 Mar 190Sieve size: 63umVolume of concentrated preserved sample: (10) 20 25 50 100 mlVolume of sub-sample: 1 ml. % of sample 10%

ROTIFERA			OTHER TAXA		
	sub-sample count	Total in sample		sub-sample count	Total in sample
Asplanchna			COPEPODA		
Brachionus	9	90	Nauplii	1	10
Cephalodella			Ad. long ant.	5	50
Collotheca			Ad short ant	14	140
Colurella			CLADOCERA		
Conochilus			Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia	2	20	Daphnia lg.		
Hexarthra			Daphnia sml.		
Keratella			Diaphanosoma		
Lecane	2	20	Macrothrix		
Platyias			Moina	8	80
Polyarthra	1	10	Others		
Rotaria			CHIRONOMIDAE	1	10
Synchaeta			NEMATODES		
Trichocerca					
Others*	41	410			
Sub-total:	55	550	Sub-total:	29	290
Notes.	Total:			84	840

The sample contained a large mat of algae which had to be removed before counting. There were a large number of organisms (rotifers etc.) which had got taken up stain and were not counted.



ZOOPLANKTON COUNTS.

Date counted: 7 Nov 190 Counted by: DUL

Site: MST MSO (TBX) MTW Sampling station: Pool 2

Date sampled: 7 Nov 190

Sieve size: 63µm

Volume of concentrated preserved sample: (10) 20 25 50 100 ml

Volume of sub-sample: 1 ml. % of sample 10%

ROTIFERA			OTHER TAXA		
	sub-sample count	Total in sample		sub-sample count	Total in sample
Asplanchna			COPEPODA		
Brachionus	10	200	Nauplii	197	1970
Cephalodella			Ad. long ant.	39	390
Collotheca			Ad short ant	86	860
Colurella			CLADOCERA		
Conochilus			Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia			Daphnia lg.		
Hexarthra	48	480	Daphnia sm.	1	10
Keratella			Diaphanosoma		
Lecane	12	120	Macrothrix		
Platyias			Moina		
Polyarthra	20	200	Others		
Rotaria			CHIRONOMIDAE		
Synchaeta			NEMATODES		
Trichocerca			Cerixid nymph	1	10
Sub-total:	90	900	Sub-total:	324	3240
Notes.				Total:	4140

Algae present

ZOOPLANKTON COUNTS.

Date counted: 7 Nov 1990 Counted by: DVL

Site: MSt MSo TEBx MTw

Sampling station: Pool 5

Date sampled: 7 Mar 1990

Sieve size: 63um

Volume of concentrated preserved sample: 10 20 25 50 100 ml

Volume of sub-sample: 1 ml. % of sample 4%

ROTIFERA			OTHER TAXA		
	sub-sample count	Total in sample		sub-sample count	Total in sample
Asplanchna			COPEPODA		
Brachionus	39	975	Nauplii	150	3750
Cephalodella			Ad. long ant.	12	300
Collotheca			Ad short ant	4	100
Colurella			CLADOCERA		
Conochilus			Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia	1	25	Daphnia lg.		
Hexarthra	3	75	Daphnia sml.		
Keratella			Diaphanosoma		
Lecane			Macrothrix		
Platyias			Moina	60	1500
Polyarthra	3	75	Others ^{v. small} (Moina?)	3	75
Rotaria	1	25	CHIRONOMIDAE		
Synchaeta			NEMATODES		
Trichocerca					
Sub-total:	47	1175	Sub-total:	229	5725
Notes.			Total:	276	6900

Algae present

ZOOPLANKTON COUNTS.

Date counted: 7 Nov 190 Counted by: DVL

Site: MSt MSo TBx MTw

Sampling station: Pool 6

Date sampled: 7 Mar 190

Sieve size: 63um

Volume of concentrated preserved sample: 10 20 25 50 100 ml

Volume of sub-sample: 1 ml. % of sample 4%

ROTIFERA			OTHER TAXA		
	sub-sample count	Total in sample		sub-sample count	Total in sample
Asplanchna	1	25	COPEPODA		
Brachionus	123	3075	Nauplii	111	2775
Cephalodella			Ad. long ant.	8	200
Collotheca			Ad short ant		
Colurella			CLADOCERA		
Conochilus			Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia	1	25	Daphnia lg.	2	50
Hexarthra	50	1250	Daphnia sm.	4	100
Keratella			Diaphanosoma		
Lecane	1	25	Macrothrix		
Platyias			Moina	10	250
Polyarthra	22	550	Others V. Small	2	50
Rotaria			CHIRONOMIDAE	2	50
Synchaeta			NEMATODES		
Trichocerca			Corixid nymph	1	25
Sub-total:	198	4950	Sub-total:	140	3500
Notes.			Total:	338	8450

Algae present

ZOOPLANKTON COUNTS.

Date counted: 7 / Nov / 90 Counted by: DU

Site: MSt MSo TEK MTw

Sampling station: Pool 8

Date sampled: 7 / Mar / 90

Sieve size: 63um

Volume of concentrated preserved sample: 10 20 25 50 100 ml

Volume of sub-sample: 1 ml. % of sample 2%

ROTIFERA			OTHER TAXA		
	sub-sample count	Total in sample		sub-sample count	Total in sample
Asplanchna	18	900	COPEPODA		
Brachionus	71	3550	Nauplii	10	500
Cephalodella			Ad. long ant.	2	100
Collotheca			Ad short ant		
Colurella			CLADOCERA		
Conochilus			Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia	6	300	Daphnia lg.		
Hexarthra	1	50	Daphnia smi.		
Keratella			Diaphanosoma		
Lecane	1	50	Macrothrix		
Platyias			Moina		
Polyarthra	506	25300	Others		
Rotaria			CHIRONOMIDAE		
Synchaeta			NEMATODES		
Trichocerca					
Sub-total:	603	30150	Sub-total:	12	600
Notes.			Total:	615	30750

ZOOPLANKTON COUNTS.Date counted: 7 Nov 90 Counted by: *DL*Site: MSt MSo TEx MTwSampling station: *Pool 9*

Date sampled: 7 Mar 90

Sieve size: 63µm

Volume of concentrated preserved sample: 10 20 25 50 100 mlVolume of sub-sample: 1 ml. % of sample *4%*

ROTIFERA			OTHER TAXA		
	sub-sample count	Total in sample		sub-sample count	Total in sample
Asplanchna	2	50	COPEPODA		
Brachionus	122	3050	Nauplii	36	900
Cephalodella			Ad. long ant.	9	225
Collotheca			Ad short ant	4	100
Colurella			CLADOCERA		
Conochilus			Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia	1	25	Daphnia lg.	29	725
Hexarthra	1	25	Daphnia sml.	10	250
Keratella	1	25	Diaphanosoma		
Lecane	2	50	Macrothrix		
Platyias			Moina	3	75
Polyarthra	15	375	Others		
Rotaria			CHIRONOMIDAE		
Synchaeta			NEMATODES		
Trichocerca					
Sub-total:	144	3600	Sub-total:	91	2275
Notes.			Total:	235	5875

ZOOPLANKTON COUNTS.

Date counted: 8 / Nov / 90 Counted by: DV

Site: MSt MSo (TBx) MTW

Sampling station: Pool 10

Date sampled: 7 / Mar / 90

Sieve size: 63um

Volume of concentrated preserved sample: 10 20 25 (50) 100 ml

Volume of sub-sample: 1 ml. % of sample 2%

ROTIFERA			OTHER TAXA		
	sub-sample count	Total in sample		sub-sample count	Total in sample
Asplanchna	4	200	COPEPODA		
Brachionus	375	18750	Nauplii	315	15750
Cephalodella			Ad. long ant.	2	100
Collotheca			Ad short ant	427	21350
Colurella			CLADOCERA		
Conochilus			Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia	2	100	Daphnia lg.		
Hexarthra	2	100	Daphnia sml.		
Keratella			Diaphanosoma		
Lecane	13	650	Macrothrix		
Platyias			Moina	31	1550
Polyarthra	3	150	Others (v. small moina?)	3	150
Rotaria			CHIRONOMIDAE		
Synchaeta			NEMATODES		
Trichocerca					
Sub-total:	399	19950	Sub-total:	778	38900
Notes.			Total:	1177	58850

ZOOPLANKTON COUNTS.

Date counted: 8 Nov 190 Counted by: DL

Site: MSt MSo (TBx) MTw

Sampling station: Pool 12

Date sampled: 7 Mar 190

Sieve size: 63um

Volume of concentrated preserved sample: (10) 20 25 50 100 ml

Volume of sub-sample: 1 ml. % of sample 10%

ROTIFERA			OTHER TAXA		
	sub-sample count	Total in sample		sub-sample count	Total in sample
Asplanchna			COPEPODA		
Brachionus	18	180	Nauplii	398	3980
Cephalodella			Ad. long ant.	40	40
Collotheca			Ad short ant	1	10
Colurella			CLADOCERA		
Conochilus			Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia	3	30
Filinia			Daphnia lg.		
Hexarthra			Daphnia sml.	12	120
Keratella			Diaphanosoma		
Lecane			Macrothrix		
Platyias			Moina	5	50
Polyarthra	1	10	Others V. small	1	10
Rotaria			CHIRONOMIDAE		
Synchaeta			NEMATODES		
Trichocerca			Coriid nymph	1	10
Sub-total:	19	190	Sub-total:	461	4610
Notes.			Total:	480	4800

ZOOPLANKTON COUNTS.

Date counted: 8 Nov 190 Counted by: DVL

Site: MSt MSo TBx MTw

Sampling station: Pool 13

Date sampled: 7 Mar 190

Sieve size: 63um

Volume of concentrated preserved sample: 10 20 25 50 100 ml

Volume of sub-sample: 1 ml. % of sample 1%

ROTIFERA			OTHER TAXA		
	sub-sample count	Total in sample		sub-sample count	Total in sample
Asplanchna			COPEPODA		
Brachionus	234	23400	Nauplii	47	4700
Cephalodella			Ad. long ant.	8	800
Collotheca			Ad short ant	29	2900
Colurella			CLADOCERA		
Conochilus			Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia	3	300	Daphnia lg.		
Hexarthra	2	200	Daphnia sm.		
Keratella			Diaphanosoma		
Lecane	2	200	Macrothrix		
Platyias			Moina	2	200
Polyarthra	245	24500	Others		
Rotaria			CHIRONOMIDAE		
Synchaeta			NEMATODES		
Trichocerca					
Sub-total:	486	48600	Sub-total:	86	8600
Notes.			Total:	572	57200

Algae present

ZOOPLANKTON COUNTS.

Date counted: 8 / Nov / 90 Counted by: DU

Site: MSt MSo (TBx) MTw

Sampling station: TWR 4

Date sampled: 7 / Mar / 90

Sieve size: 63um

Volume of concentrated preserved sample: 10 20 25 (50) 100 ml

Volume of sub-sample: 1 ml. % of sample 2%

ROTIFERA			OTHER TAXA		
	sub-sample count	Total in sample		sub-sample count	Total in sample
Asplanchna	1	50	COPEPODA		
Brachionus	6	300	Nauplii	263	13150
Cephalodella			Ad. long ant.		
Collotheca			Ad short ant	98	4900
Colurella			CLADOCERA		
Conochilus			Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia	1	50	Daphnia lg.	1	50
Hexarthra			Daphnia sml.		
Keratella			Diaphanosoma		
Lecane	8	400	Macrothrix		
Platyias			Moina	18	900
Polyarthra	8	400	Others ^{V. Small}	1	50
Rotaria			CHIRONOMIDAE		
Synchaeta			NEMATODES		
Trichocerca					
Sub-total:	24	1200	Sub-total:	381	19050
Notes.			Total:	405	20250

ZOOPLANKTON COUNTS.

Date counted: 12 / Nov / 90 Counted by: DLL

Site: MST MSO (TBx) MTW

Sampling station: TWR 5

Date sampled: 7 / Mar / 90

Sieve size: 63um

Volume of concentrated preserved sample: 10 20 (25) 50 100 ml

Volume of sub-sample: 1 ml. % of sample 4%

ROTIFERA			OTHER TAXA		
	sub-sample count	Total in sample		sub-sample count	Total in sample
Asplanchna	19	475	COPEPODA		
Brachionus	60	1500	Nauplii	18	450
Cephalodella			Ad. long ant.		
Collotheca			Ad short ant	1	25
Colurella			CLADOCERA		
Conochilus			Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia	31	775	Daphnia lg.		
Hexarthra	3	75	Daphnia sm.		
Peratella			Diaphanosoma		
Lecane	12	300	Macrothrix		
Platyias			Moina	31	775
Polyarthra	405	10125	Others		
Rotaria			CHIRONOMIDAE		
Synchaeta			NEMATODES		
Trichocerca					
Sub-total:	530	13250	Sub-total:	50	1250
Notes.			Total:	580	14500

ZOOPLANKTON COUNTS.Date counted: 12 / Nov / 90 Counted by: DLSite: MSt MSo (TBx) MTwSampling station: MF1Date sampled: 7 / Mar / 90Sieve size: 63 μ m \rightarrow 250 μ mVolume of concentrated preserved sample: (10) 20 25 50 100 mlVolume of sub-sample: 1 ml. % of sample 10%

ROTIFERA			OTHER TAXA		
	sub-sample count	Total in sample		sub-sample count	Total in sample
Asplanchna			COPEPODA		
Brachionus	27	270	Nauplii	154	1540
Cephalodella			Ad. long ant.	13	130
Collotheca			Ad short ant		
Colurella			CLADOCERA		
Conochilus			Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia	1	10	Daphnia lg.		
Hexarthra	1	10	Daphnia sml.		
Keratella			Diaphanosoma		
Lecane			Macrothrix		
Platyias			Moina		
Polyarthra			Others		
Rotaria			CHIRONOMIDAE		
Synchaeta			NEMATODES		
Trichocerca					
Sub-total:	29	290	Sub-total:	167	1670
Notes. Page 1 of 2			Total:	196	1960

This sample contains large amounts of spinygry. This made counting difficult so I split the sample into two fractions. >250 μ m and 63-250 μ m. This sheet is for the 63-250 μ m fraction

ZOOPLANKTON COUNTS.Date counted: 12 / Nov / 90 Counted by:Site: MSt MSo TEK MTWSampling station: MFIDate sampled: 7 Mar 190Sieve size: ~~63µm~~ 250µmVolume of concentrated preserved sample: 10 20 25 50 100 mlVolume of sub-sample: 1 ml. % of sample 2%

ROTIFERA			OTHER TAXA		
	sub-sample count	Total in sample		sub-sample count	Total in sample
Asplanchna			COPEPODA		
Brachionus			Nauplii	1	50
Cephalodella			Ad. long ant.	4	200
Collotheca			Ad short ant	1	50
Colurella			CLADOCERA		
Conochilus			Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia			Daphnia lg.		
Hexarthra			Daphnia sml.	2	100
Keratella			Diaphanosoma		
Lecane			Macrothrix		
Platyias			Moina		
Polyarthra			Others		
Rotaria			CHIRONOMIDAE	2	100
Synchaeta			NEMATODES		
Trichocerca					
Sub-total:			Sub-total:	10	500
Notes.			Total:	10	500

Page 2 of 2

DATE 2

MSt

ROTIFERA

Asplanchna

Brachionus

Cephalodella ?

Collotheca

Conochilus

Filinia

Hexarthra

Keratella

Lecane

Polyarthra

Rotaria

Trichocerca

CLADOCERA

Daphnia (large)

Daphnia (small)

Macrothrix

Moina

ZOOPLANKTON COUNTS.

Date counted: 12/Nov/90 Counted by: DV

Site: (MSt) MSo TBx MTw

Sampling station: Resr 1

Date sampled: 6/Mar/90

Sieve size: 63um

Volume of concentrated preserved sample: 10 20 25 (50) 100 ml

Volume of sub-sample: 1 ml. % of sample 2%

ROTIFERA			OTHER TAXA		
	sub-sample count	Total in sample		sub-sample count	Total in sample
Asplanchna	5	250	COPEPODA		
Brachionus	126	6300	Nauplii	10	500
Cephalodella			Ad. long ant.	1	50
Collotheca			Ad short ant.	3	150
Colurella			CLADOCERA		
Conochilus			Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia	3	150	Daphnia lg.		
Hexarthra			Daphnia sml.		
Keratella			Diaphanosoma		
Lecane			Macrothrix		
Platyias			Moina	2	100
Polyarthra			Others		
Rotaria	8	400	CHIRONOMIDAE		
Synchaeta			NEMATODES		
Trichocerca					
Sub-total:	142	7100	Sub-total:	16	800
Notes.			Total:	158	7900

ZOOPLANKTON COUNTS.

Date counted: 12/Nov/90 Counted by: DL

Site: MSt MSo TBx MTw

Sampling station: Resr 2

Date sampled: 6 1 Mar 190

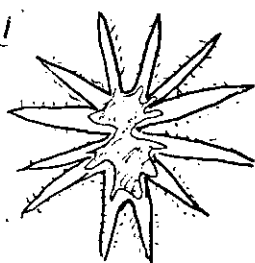
Sieve size: 63um

Volume of concentrated preserved sample: 10 20 25 (50) 100 ml

Volume of sub-sample: 1 ml. % of sample 2%

ROTIFERA			OTHER TAXA		
	sub-sample count	Total in sample		sub-sample count	Total in sample
Asplanchna	6	300	COPEPODA		
Brachionus	39	1950	Nauplii	8	400
Cephalodella			Ad. long ant.	3	150
Collotheca			Ad short ant.	3	150
Colurella			CLADOCERA		
Conochilus			Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia	4	200	Daphnia lg.		
Hexarthra			Daphnia sml.		
Keratella			Diaphanosoma		
Lecane			Macrothrix		
Platyias			Moina	1	50
Polyarthra	18	900	Others		
Rotaria	15	750	CHIRONOMIDAE		
Synchaeta			NEMATODES		
Trichocerca					
Sub-total:	82	4100	Sub-total:	15	750
Notes.			Total:	97	4850

Other. (1)



algae?

ZOOPLANKTON COUNTS.Date counted: 12 Nov 90 Counted by: DUSite: MSt MSo TBx MTwSampling station: Resr 3Date sampled: 6 Nov 90Sieve size: 63umVolume of concentrated preserved sample: 10 20 25 (50) 100 mlVolume of sub-sample: 1 ml. % of sample 2%

ROTIFERA			OTHER TAXA		
	sub-sample count	Total in sample		sub-sample count	Total in sample
Asplanchna	20	1000	COPEPODA		
Brachionus	11	550	Nauplii	158	7900
Cephalodella			Ad. long ant.	14	700
Collotheca			Ad short ant		
Colurella			CLADOCERA		
Conochilus			Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia	3	150	Daphnia lg.		
Hexarthra			Daphnia sm1.		
Keratella			Diaphanosoma		
Lecane			Macrothrix		
Platyias			Moina		
Polyarthra	2	100	Others		
Rotaria	2	100	CHIRONOMIDAE		
Synchaeta			NEMATODES	1	50
Trichocerca					
Sub-total:	38	1900	Sub-total:	173	8650
Notes.			Total:	211	10550

ZOOPLANKTON COUNTS.Date counted: 12/Nov/90 Counted by: DKSite: (MSt) MSt TBx MTwSampling station: Resr 4Date sampled: 6/Nov/90Sieve size: 63umVolume of concentrated preserved sample: (10) 20 25 50 100 mlVolume of sub-sample: 1 ml. % of sample 10%

ROTIFERA			OTHER TAXA		
	sub-sample count	Total in sample		sub-sample count	Total in sample
Asplanchna	3	30	COPEPODA		
Brachionus	13	130	Nauplii	137	1370
Cephalodella			Ad. long ant.	112	1120
Collotheca			Ad short ant	4	40
Colurella			CLADOCERA		
Conochilus			Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia			Daphnia lg.		
Hexarthra			Daphnia sml.		
Keratella			Diaphanosoma		
Lecane			Macrothrix	2	20
Platyias			Moina	14	140
Polyarthra			Others		
Rotaria	12	120	CHIRONOMIDAE		
Synchaeta			NEMATODES		
Trichocerca					
Sub-total:	28	280	Sub-total:	269	2690
Notes.			Total:	297	2970

ZOOPLANKTON COUNTS.

Date counted: 12/Nov/90 Counted by: D V

Site: (MSt) MSo TBx MTw

Sampling station: Pool 1

Date sampled: 6/Mar/90

Sieve size: 63µm

Volume of concentrated preserved sample: (10) 20 25 50 100 ml

Volume of sub-sample: 1 ml. % of sample 10%

ROTIFERA			OTHER TAXA		
	sub-sample count	Total in sample		sub-sample count	Total in sample
Asplanchna	25	250	COPEPODA		
Brachionus	9	90	Nauplii	219	2190
Cephalodella			Ad. long ant.	50	50
Collotheca			Ad short ant	37	370
Colurella			CLADOCERA		
Conochilus			Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia	1	10	Daphnia lg.		
Hexarthra			Daphnia sml.		
Keratella			Diaphanosoma		
Lecane			Macrothrix		
Platyias			Moina	2	20
Polyarthra			Others		
Rotaria	1	10	CHIRONOMIDAE		
Synchaeta			NEMATODES		
Trichocerca	3	30			
Sub-total:	39	390	Sub-total:	308	3080
Notes.			Total:	347	3470

ZOOPLANKTON COUNTS.

Date counted: 13 Nov 90 Counted by: DVL

Site: (MSt) MSo TBx MTw

Sampling station: Pool 3

Date sampled: 6 Mar 90

Sieve size: 63µm

Volume of concentrated preserved sample: 10 20 (25) 50 100 ml

Volume of sub-sample: 1 ml. % of sample 4%

ROTIFERA			OTHER TAXA		
	sub-sample count	Total in sample		sub-sample count	Total in sample
Asplanchna	8	200	COPEPODA		
Brachionus	10	250	Nauplii	85	2125
Cephalodella	? 1	25	Ad. long ant.	16	400
Collotheca	2	50	Ad short ant	2	50
Colurella			CLADOCERA		
Conochilus			Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia	1	25	Daphnia lg.		
Hexarthra			Daphnia sm.		
Keratella			Diaphanosoma		
Lecane			Macrothrix		
Platyias			Moina	26	650
Polyarthra			Others ^{small} _{moina?}	4	100
Rotaria			CHIRONOMIDAE		
Synchaeta			NEMATODES		
Trichocerca					
Sub-total:	22	550	Sub-total:	133	3325
Notes.			Total:	155	3875

ZOOPLANKTON COUNTS.

Date counted: 13 / Nov / 90 Counted by: DU

Site: (MSt) MSo TBx MTw

Sampling station: Pool 4

Date sampled: 6 / Mar / 90

Sieve size: 63um

Volume of concentrated preserved sample: 10 20 (25) 50 100 ml

Volume of sub-sample: 1 ml. % of sample 4%

ROTIFERA			OTHER TAXA		
	sub-sample count	Total in sample		sub-sample count	Total in sample
Asplanchna			COPEPODA		
Brachionus	4	100	Nauplii	32	800
Cephalodella			Ad. long ant.	19	475
Collotheca			Ad short ant	2	50
Colurella			CLADOCERA		
Conochilus			Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia			Daphnia lg.		
Hexarthra			Daphnia sml.		
Keratella			Diaphanosoma		
Lecane			Macrothrix		
Platyias			Moina	66	1650
Polyarthra			Others (small moina?)	2	50
Rotaria			CHIRONOMIDAE		
Synchaeta			NEMATODES		
Trichocerca					
Sub-total:	4	100	Sub-total:	121	3025
Notes.			Total:	125	3125

Many of the cladocera and copepoda had parts of the bodies missing. There were a large number of incomplete bodies and parts of bodies in the sample and this made accurate counting difficult.

ZOOPLANKTON COUNTS.

Date counted: 13 Nov 190 Counted by: DUL

Site: (MSt) MSo TBx MTw

Sampling station: Pool 5

Date sampled: 6 Mar 190

Sieve size: 63um

Volume of concentrated preserved sample: (10) 20 25 50 100 ml

Volume of sub-sample: 1 ml. % of sample 10%

ROTIFERA			OTHER TAXA		
	sub-sample count	Total in sample		sub-sample count	Total in sample
Asplanchna			COPEPODA		
Brachionus	3	30	Nauplii	74	740
Cephalodella			Ad. long ant.	52	520
Collotheca			Ad short ant	2	20
Colurella			CLADOCERA		
Conochilus			Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia			Daphnia lg.		
Hexarthra			Daphnia sml.		
Keratella			Diaphanosoma		
Lecane	1	10	Macrothrix		
Platyias			Moina	21	210
Polyarthra	1	10	Others ^(small Moina?)	2	20
Rotaria			CHIRONOMIDAE	1	10
Synchaeta			NEMATODES		
Trichocerca					
Sub-total:	5	50	Sub-total:	152	1520
Notes.			Total:	157	1570

ZOOPLANKTON COUNTS.

Date counted: 13 Nov 190 Counted by:

Site: (MSt) MSo TBx MTw

Sampling station: Pool 10

Date sampled: 6 Mar 190

Sieve size: 63µm

Volume of concentrated preserved sample: (10) 20 25 50 100 ml

Volume of sub-sample: 1 ml. % of sample 10%

ROTIFERA			OTHER TAXA		
	sub-sample count	Total in sample		sub-sample count	Total in sample
Asplanchna	2	20	COPEPODA		
Brachionus	3	30	Nauplii	208	2080
Cephalodella			Ad. long ant.	59	590
Collotheca			Ad short ant	25	250
Colurella			CLADOCERA		
Conochilus ?	12	120	Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia	3	30	Daphnia lg.	1	10
Hexarthra	6	60	Daphnia sm1.	9	90
Keratella	2	20	Diaphanosoma		
Lecane			Macrothrix		
Platyias			Moina	2	20
Polyarthra	1	10	Others (small moina?)	2	20
Rotaria	4	40	CHIRONOMIDAE		
Synchaeta			NEMATODES		
Trichocerca					
Sub-total:	33	330	Sub-total:	306	3060
Notes.			Total:	339	3390

ZOOPLANKTON COUNTS.

Date counted: 13 / Nov 190 Counted by: DK

Site: (MSt) MSo TBx MTw Sampling station: Pool 12

Date sampled: 6 / Mar 190

Sieve size: 63um

Volume of concentrated preserved sample: 10 20 (25) 50 100 ml

Volume of sub-sample: 1 ml. % of sample 4%

ROTIFERA			OTHER TAXA		
	sub-sample count	Total in sample		sub-sample count	Total in sample
Asplanchna	8	200	COPEPODA		
Brachionus	30	750	Nauplii	147	3675
Cephalodella			Ad. long ant.	53	1325
Collotheca			Ad short ant	96	2400
Colurella			CLADOCERA		
Conochilus ?	3	75	Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia	383	9575	Daphnia lg.		
Hexarthra	168	4200	Daphnia sml.		
Keratella	4	100	Diaphanosoma		
Lecane	6	150	Macrothrix		
Platylas			Moina		
Polyarthra	31	775	Others		
Rotaria	1	25	CHIRONOMIDAE		
Synchaeta			NEMATODES		
Trichocerca			Oligochaeta	1	25
Sub-total:	634	15850	Sub-total:	297	7425
Notes.			Total:	931	23275

many of the filinia and hexarthra were grouped together in small mixed clumps so making counting awkward because of overlapping

ZOOPLANKTON COUNTS.

Date counted: 15/Nov/90 Counted by: DU

Site: (MSt) MSo TEx MTw

Sampling station: Pool 15

Date sampled: 6/Nov/90

Sieve size: 63um

Volume of concentrated preserved sample: 10 20 (25) 50 100 ml

Volume of sub-sample: 1 ml. % of sample 4%

ROTIFERA			OTHER TAXA		
	sub-sample count	Total in sample		sub-sample count	Total in sample
Asplanchna	3	75	COPEPODA		
Brachionus	9	225	Nauplii	162	4050
Cephalodella			Ad. long ant.	54	1350
Collotheca			Ad short ant	9	225
Colurella			CLADOCERA		
Conochilus	15*	375	Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia	17	425	Daphnia lg.		
Hexarthra	19	475	Daphnia sml.		
Keratella	2	50	Diaphanosoma		
Lecane	1	25	Macrothrix		
Platyias			Moina		
Polyarthra	1	25	Others ^{✓small}	2	50
Rotaria			CHIRONOMIDAE		
Synchaeta			NEMATODES		
Trichocerca					
Sub-total:	67	1675	Sub-total:	227	5675
Notes.			Total:	294	7350

8 =



7 =



foot withdrawn/shrunk

ZOOPLANKTON COUNTS.

Date counted: 15 / Nov /

Counted by: DK

Site: (MSt) MSo TBx MTw

Sampling station: Pool 17

Date sampled: 6 / Mar / 90

Sieve size: 63um

Volume of concentrated preserved sample: (10) 20 25 50 100 ml

Volume of sub-sample: 1 ml. % of sample 10%

ROTIFERA			OTHER TAXA		
	sub-sample count	Total in sample		sub-sample count	Total in sample
Asplanchna	3	30	COPEPODA		
Brachionus	47	470	Nauplii	130	1300
Cephalodella			Ad. long ant.	44	440
Collotheca			Ad short ant	4	40
Colurella			CLADOCERA		
Conochilus	7	70	Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia	19	190	Daphnia lg.		
Hexarthra	17	170	Daphnia sml.	3	30
Keratella			Diaphanosoma		
Lecane			Macrothrix		
Platyias			Moina	1	10
Polyarthra			Others		
Rotaria			CHIRONOMIDAE		
Synchaeta			NEMATODES		
Trichocerca					
Sub-total:	93	930	Sub-total:	182	1820
Notes.			Total:	275	2750

ZOOPLANKTON COUNTS.

Date counted: 16 / Nov / 90 Counted by: DV

Site: (MSt) MSo TEx MTw

Sampling station: Pool 23

Date sampled: 6 / Mar / 90

Sieve size: 63um

Volume of concentrated preserved sample: (10) 20 25 50 100 ml

Volume of sub-sample: 1 ml. % of sample 10%

ROTIFERA			OTHER TAXA		
	sub-sample count	Total in sample		sub-sample count	Total in sample
Asplanchna	3	30	COPEPODA		
Brachionus			Nauplii	109	1090
Cephalodella			Ad. long ant.	39	390
Collotheca			Ad short ant	10	100
Colurella			CLADOCERA		
Conochilus	40	400	Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia	14	140	Daphnia lg.		
Hexarthra	52	520	Daphnia sml.	6	60
Keratella	7	70	Diaphanosoma		
Lecane			Macrothrix		
Platyias			Moina	3	30
Polyarthra			Others (v. small moina?)	1	10
Rotaria			CHIRONOMIDAE		
Synchaeta			NEMATODES		
Trichocerca					
Sub-total:	116	1160	Sub-total:	168	1680
Notes.			Total:	284	2840

DATE 2

MTw

ROTIFERA

Asplanchna

Brachionus

Conochilus

Filinia

Hexarthra

Keratella

Lecane

Rotaria

CLADOCERA

Ceriodaphnia

Daphnia (large)

Daphnia (small)

Moina

ZOOPLANKTON COUNTS.

Date counted: 16 / Nov / 90 Counted by: DU

Site: MSt MSo TBx

(MTw)

Sampling station: Resr 1

Date sampled: 8 / Mar / 90

Sieve size: 63um

Volume of concentrated preserved sample: (10) 20 25 50 100 ml

Volume of sub-sample: 1 ml. % of sample 10%

ROTIFERA			OTHER TAXA		
	sub-sample count	Total in sample		sub-sample count	Total in sample
Asplanchna			COPEPODA		
Brachionus	14	140	Nauplii	24	240
Cephalodella			Ad. long ant.	2	20
Collotheca			Ad short ant	5	50
Colurella			CLADOCERA		
Conochilus			Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia	34	340	Daphnia lg.	2	20
Hexarthra	37	370	Daphnia sml.	1	10
Keratella	4	40	Diaphanosoma		
Lecane			Macrothrix		
Platyias			Moina	1	10
Polyarthra			Others		
Rotaria			CHIRONOMIDAE	2	20
Synchaeta			NEMATODES		
Trichocerca					
Sub-total:	89	890	Sub-total:	37	370
Notes.			Total:	126	1260

ZOOPLANKTON COUNTS.Date counted: 16 Nov 190 Counted by: DASite: MST MSo TBx (MTw)Sampling stations: Resr 2Date sampled: 8 Mar 190Sieve size: 63umVolume of concentrated preserved sample: 10 20 25 (50) 100 mlVolume of sub-sample: 1 ml. % of sample 2%

ROTIFERA			OTHER TAXA		
	sub-sample count	Total in sample		sub-sample count	Total in sample
Asplanchna	2	100	COPEPODA		
Brachionus	5	250	Nauplii	65	3250
Cephalodella			Ad. long ant.	69	3450
Collotheca			Ad short ant.	3	150
Colurella			CLADOCERA		
Conochilus			Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia	11	550	Daphnia lg.	22	1100
Hexarthra	6	300	Daphnia sml.	20	1000
Keratella	2	100	Diaphanosoma		
Lecane			Macrothrix		
Platyias			Moina	1	50
Polyarthra			Others ^(v. small mixis?)	2	100
Rotaria			CHIRONOMIDAE		
Synchaeta			NEMATODES		
Trichocerca					
Sub-total:	26	1300	Sub-total:	182	9100
Notes.			Total:	208	10400

ZOOPLANKTON COUNTS.

Date counted: 16 / Nov / 90 Counted by: JH

Site: MSt MSo TBx

(MTW)

Sampling station: Rsv 3

Date sampled: 8 / Nov / 90

Sieve size: 63um

Volume of concentrated preserved sample: 10 20 25 (50) 100 ml

Volume of sub-sample: 1 ml. % of sample 2%

ROTIFERA			OTHER TAXA		
	sub-sample count	Total in sample		sub-sample count	Total in sample
Asplanchna	1	50	COPEPODA		
Brachionus	3	150	Nauplii	64	3200
Cephalodella			Ad. long ant.	33	1650
Collotheca			Ad short ant	2	100
Colurella			CLADOCERA		
Conochilus			Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia	6	300	Daphnia lg.	2	100
Hexarthra	9	450	Daphnia sml.	11	550
Keratella	2	100	Diaphanosoma		
Lecane			Macrothrix		
Platylas			Moina		
Polyarthra			Others (small)	2	100
Rotaria	1	50	CHIRONOMIDAE		
Synchaeta			NEMATODES		
Trichocerca					
Sub-total:	22	1100	Sub-total:	114	5700
Notes.			Total:	136	6800

ZOOPLANKTON COUNTS.Date counted: 16 Nov 190 Counted by: DK

Site: MST MSo TBx

(MTw)

Sampling station: Res 4Date sampled: 8 Mar 190Sieve size: 63umVolume of concentrated preserved sample: (10) 20 25 50 100 mlVolume of sub-sample: 1 ml.% of sample 10%

ROTIFERA			OTHER TAXA		
	sub-sample count	Total in sample		sub-sample count	Total in sample
Asplanchna	2	20	COPEPODA		
Brachionus	7	70	Nauplii	176	1760
Cephalodella			Ad. long ant.	64	640
Collotheca			Ad short ant	7	70
Colurella			CLADOCERA		
Conochilus			Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia	37	370	Daphnia lg.	5	50
Hexarthra	24	240	Daphnia sml.	17	170
Keratella	19	190	Diaphanosoma		
Lecane			Macrothrix		
Platylas			Moina	2	20
Polyarthra			Others		
Rotaria			CHIRONOMIDAE	1	10
Synchaeta			NEMATODES		
Trichocerca					
Sub-total:	87	890	Sub-total:	272	2720
Notes.			Total:	361	3610

ZOOPLANKTON COUNTS.

Date counted: 16 Nov 190 Counted by: YL

Site: MST MSo TBx (MTW)

Sampling station: Pool 25

Date sampled: 8 Mar 190

Sieve size: 63um

Volume of concentrated preserved sample: 10 20 25 50 100 ml

Volume of sub-sample: 1 ml. % of sample

ROTIFERA			OTHER TAXA		
	sub-sample count	Total in sample		sub-sample count	Total in sample
Asplanchna			COPEPODA		
Brachionus			Nauplii		
Cephalodella			Ad. long ant.		
Collotheca			Ad short ant.		
Colurella			CLADOCERA		
Conochilus			Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia			Daphnia lg.		
Hexarthra			Daphnia sm.		
Peratella			Diaphanosoma		
Lecane			Macrothrix		
Platylas			Moina		
Polyarthra			Others		
Rotaria			CHIRONOMIDAE		
Synchaeta			NEMATODES		
Trichocerca					
Sub-total:			Sub-total:		
Notes.			Total:		

No Sample

ZOOPLANKTON COUNTS.Date counted: 16/Nov/90 Counted by: DUSite: MSt MSo TBx (MTW)Sampling station: Pool 31Date sampled: 8/Nov/90Sieve size: 63umVolume of concentrated preserved sample: (10) 20 25 50 100 mlVolume of sub-sample: 1 ml. % of sample 10%

ROTIFERA			OTHER TAXA		
	sub-sample count	Total in sample		sub-sample count	Total in sample
Asplanchna	10	100	COPEPODA		
Brachionus	4	40	Nauplii	82	820
Cephalodella			Ad. long ant.	32	320
Collotheca			Ad short ant	8	80
Colurella			CLADOCERA		
Conochilus			Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia	25	250	Daphnia lg.	1	10
Hexarthra	7	70	Daphnia sml.	17	170
Keratella	3	30	Diaphanosoma		
Lecane			Macrothrix		
Platyias			Moina		
Polyarthra			Others		
Rotaria			CHIRONOMIDAE		
Synchaeta			NEMATODES		
Trichocerca					
Sub-total:	49	490	Sub-total:	140	1400
Notes.			Total:	189	1890

ZOOPLANKTON COUNTS.Date counted: 19/Nov/90 Counted by: ddl

Site: MSt MSo TBx

(MTw)

Sampling station: Pool 32Date sampled: 8/Nov/90Sieve size: 63um

Volume of concentrated preserved sample: 10 20 25 (50) 100 ml

Volume of sub-sample: 1 ml. % of sample 2%

ROTIFERA			OTHER TAXA		
	sub-sample count	Total in sample		sub-sample count	Total in sample
Asplanchna	9	450	COPEPODA		
Brachionus	133	6650	Nauplii	132	6600
Cephalodella			Ad. long ant.		
Collotheca			Ad short ant	11	550
Colurella			CLADOCERA		
Conochilus			Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia	159	7950	Daphnia lg.		
Hexarthra	30	1500	Daphnia sm.		
Keratella			Diaphanosoma		
Lecane	3	150	Macrothrix		
Platylas			Moina	16	800
Polyarthra	4	200	Others		
Rotaria			CHIRONOMIDAE		
Synchaeta			NEMATODES		
Trichocerca					
Sub-total:	338	16900	Sub-total:	159	7950
Notes.			Total:	497	24850

ZOOPLANKTON COUNTS.Date counted: 19/Nov/90 Counted by: DU

Site: MSt MSo TBx

(MTw)

Sampling station: Pool 34Date sampled: 8/Mar/90Sieve size: 63um

Volume of concentrated preserved sample: 10 20 (25) 50 100 ml

Volume of sub-sample: 1 ml.

% of sample 4%

ROTIFERA			OTHER TAXA		
	sub-sample count	Total in sample		sub-sample count	Total in sample
Asplanchna			COPEPODA		
Brachionus	19	475	Nauplii	109	2725
Cephalodella			Ad. long ant.	17	425
Collotheca			Ad short ant	20	500
Colurella			CLADOCERA		
Conochilus	3	75	Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia	52	1300	Daphnia lg.		
Hexarthra	20	500	Daphnia sm1.	2	50
Keratella	15	375	Diaphanosoma		
Lecane	1	25	Macrothrix		
Platylas			Moina	3	75
Polyarthra	2	50	Others		
Rotaria			CHIRONOMIDAE		
Synchaeta			NEMATODES		
Trichocerca					
Sub-total:	112	2800	Sub-total:	151	3775
Notes.			Total:	263	6575

ZOOPLANKTON COUNTS.Date counted: 19 Nov 190 Counted by: DU

Site: MSt MSo TBx (MTW)

Sampling station: Pool 35Date sampled: 8 Mar 190Sieve size: 63um

Volume of concentrated preserved sample: 10 20 (25) 50 100 ml

Volume of sub-sample: 1 ml. % of sample 4%

ROTIFERA			OTHER TAXA		
	sub-sample count	Total in sample		sub-sample count	Total in sample
Asplanchna			COPEPODA		
Brachionus	3	75	Nauplii	98	2450
Cephalodella			Ad. long ant.	31	775
Collotheca			Ad short ant	7	175
Colurella			CLADOCERA		
Conochilus			Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia	8	200	Daphnia lg.	17	425
Hexarthra	1	25	Daphnia sm.	28	700
Keratella	2	50	Diaphanosoma		
Lecane	1	25	Macrothrix		
Platyias			Moina	3	75
Polyarthra			Others		
Rotaria			CHIRONOMIDAE	1	25
Synchaeta			NEMATODES		
Trichocerca					
Sub-total:	15	375	Sub-total:	185	4625
Notes.			Total:	200	5000

ZOOPLANKTON COUNTS.Date counted: 19 / Nov 190 Counted by: DLSite: MST MSo TBx (MTw) Sampling station: Pool 36Date sampled: 8 / Mar 190Sieve size: 63umVolume of concentrated preserved sample: 10 20 (25) 50 100 mlVolume of sub-sample: 1 ml. % of sample 4%

ROTIFERA			OTHER TAXA		
	sub-sample count	Total in sample		sub-sample count	Total in sample
Asplanchna			COPEPODA		
Brachionus			Nauplii	60	1500
Cephalodella			Ad. long ant.	33	825
Collotheca			Ad short ant	10	250
Colurella			CLADOCERA		
Conochilus	3	75	Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia	16	400	Daphnia lg.	4	100
Hexarthra	8	200	Daphnia sml.	14	350
Keratella	4	100	Diaphanosoma		
Lecane			Macrothrix		
Platyias			Moina	2	50
Polyarthra			Others		
Rotaria			CHIRONOMIDAE		
Synchaeta			NEMATODES		
Trichocerca					
Sub-total:	31	775	Sub-total:	123	3075
Notes.			Total:	154	3850

ZOOPLANKTON COUNTS.

Date counted: 19/Nov/90 Counted by: DUL

Site: MST MSo TBx (MTW)

Sampling station: Pool 43

Date sampled: 8/Nov/90

Sieve size: 63um

Volume of concentrated preserved sample: 10 20 25 (50) 100 ml

Volume of sub-sample: 1 ml. % of sample 2%

ROTIFERA			OTHER TAXA		
	sub-sample count	Total in sample		sub-sample count	Total in sample
Asplanchna			COPEPODA		
Brachionus	19	950	Nauplii	174	8700
Cephalodella			Ad. long ant.	5	250
Collotheca			Ad short ant	8	400
Colurella			CLADOCERA		
Conochilus			Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia*	2	100
Filinia	4	200	Daphnia lg.		
Hexarthra	47	2350	Daphnia sm.		
Keratella	2	100	Diaphanosoma		
Lecane			Macrothrix		
Platylas			Moina		
Polyarthra	5	250	Others		
Rotaria			CHIRONOMIDAE		
Synchaeta			NEMATODES		
Trichocerca					
Sub-total:	77	3850	Sub-total:	189	9450
			Total:	266	13300

Notes.

Total:

* Ceriodaphnia cornuta

ZOOPLANKTON COUNTS.Date counted: 19 Nov 190 Counted by: DUSite: MSt MSo TBx (MTw)Sampling station: TWR 8Date sampled: 8 Mar 190Sieve size: 63umVolume of concentrated preserved sample: 10 20 25 50 100 mlVolume of sub-sample: 1 ml. % of sample

ROTIFERA			OTHER TAXA		
	sub-sample count	Total in sample		sub-sample count	Total in sample
Asplanchna			COPEPODA		
Brachionus			Nauplii		
Cephalodella			Ad. long ant.		
Collotheca			Ad short ant		
Colurella			CLADOCERA		
Conochilus			Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia			Daphnia lg.		
Hexarthra			Daphnia sml.		
Heratella			Diaphanosoma		
Lecane			Macrothrix		
Platytas			Moina		
Polyarthra			Others		
Rotaria			CHIRONOMIDAE		
Synchaeta			NEMATODES		
Trichocerca					
Sub-total:			Sub-total:		
Notes.			Total:		

No Sample

ZOOPLANKTON COUNTS.

Date counted: 19/Nov/90 Counted by: JU

Site: MST MSo TBx

(MTw)

Sampling station: TWR 10

Date sampled: 8/Mar/90

Sieve size: 63um

Volume of concentrated preserved sample: 10 20 (25) 50 100 ml

Volume of sub-sample: 1 ml. % of sample 4%

ROTIFERA			OTHER TAXA		
	sub-sample count	Total in sample		sub-sample count	Total in sample
Asplanchna	2	50	COPEPODA		
Brachionus	1	25	Nauplii	116	2900
Cephalodella			Ad. long ant.	97	2425
Collotheca			Ad short ant	11	275
Colurella			CLADOCERA		
Conochilus			Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia	2	50
Filinia	13	325	Daphnia lg.	5	125
Hexarthra	4	100	Daphnia sm1.	22	550
Keratella	1	25	Diaphanosoma		
Lecane			Macrothrix		
Platylas			Moina		
Polyarthra			Others *	5	125
Rotaria			CHIRONOMIDAE		
Synchaeta			NEMATODES		
Trichocerca					
Sub-total:	21	525	Sub-total:	258	6450
Notes.			Total:	279	6975

+ Newly hatched Daphnia

DATE 2

MCK/CCK

ROTIFERA

Asplanchna

Brachionus

Conochilus

Filinia

Hexarthra

Lecane

Polyarthra

Synchaeta

Trichocerca

Others

CLADOCERA

Ceriodaphnia

Daphnia (large)

Daphnia (small)

Diaphanosoma

Macrothrix

Moina

ZOOPLANKTON COUNTS.Date counted: 20 / Nov / 90 Counted by: DL

Site: MSt MSo TBx MTw

Sampling station: MCK 1 (MSE)Date sampled: 9 / Mar / 90Sieve size: 63umVolume of concentrated preserved sample: 10 20 (25) 50 100 mlVolume of sub-sample: 1 ml. % of sample 4%

ROTIFERA			OTHER TAXA		
	sub-sample count	Total in sample		sub-sample count	Total in sample
Asplanchna			COPEPODA		
Brachionus	34	850	Nauplii	192	4800
Cephalodella			Ad. long ant.	1	25
Collotheca			Ad short ant	16	400
Colurella			CLADOCERA		
Conochilus	2	50	Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia	1	25
Filinia	3	75	Daphnia lg.		
Hexarthra	24	600	Daphnia sml.		
Keratella			Diaphanosoma	2	50
Lecane	2	50	Macrothrix		
Platyias			Moina	1	25
Polyarthra	2	50	Others		
Rotaria			CHIRONOMIDAE		
Synchaeta			NEMATODES		
Trichocerca	2	50			
Sub-total:	69	1725	Sub-total:	213	5325
Notes.			Total:	282	7050

ZOOPLANKTON COUNTS.

Date counted: 20/Nov/90 Counted by: DUL

Site: MSt MSo TBx MTw

Sampling station: CCK1 (MSO)

Date sampled: 9/Nov/90

Sieve size: 63um

Volume of concentrated preserved sample: (10) 20 25 50 100 ml

Volume of sub-sample: 1 ml. % of sample 10%

ROTIFERA			OTHER TAXA		
	sub-sample count	Total in sample		sub-sample count	Total in sample
Asplanchna	1	10	COPEPODA		
Brachionus	77	770	Nauplii	55	550
Cephalodella			Ad. long ant.		
Collotheca			Ad short ant	15	150
Colurella			CLADOCERA		
Conochilus			Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia	15	150	Daphnia lg.		
Hexarthra	4	40	Daphnia sm.		
Keratella			Diaphanosoma	1	10
Lecane			Macrothrix		
Platylas			Moina	8	80
Polyarthra	12	120	Others		
Rotaria			CHIRONOMIDAE		
Synchaeta			NEMATODES		
Trichocerca					
Sub-total:	109	1090	Sub-total:	79	790
Notes.			Total:	188	1880

ZOOPLANKTON COUNTS.

Date counted: 20/Nov/90 Counted by: DVL

Site: MSt MSo TBx MTw

Sampling station: CCK 2 (MSo Inlet)


Date sampled: 9/Nov/90

Sieve size: 63um

Volume of concentrated preserved sample: 10 20 (25) 50 100 ml

Volume of sub-sample: 1 ml.

% of sample 4%

ROTIFERA			OTHER TAXA		
	sub-sample count	Total in sample		sub-sample count	Total in sample
Asplanchna	5	125	COPEPODA		
Brachionus	79	1975	Nauplii	71	1775
Cephalodella			Ad. long ant.		
Collotheca			Ad short ant	6	150
Colurella			CLADOCERA		
Conochilus			Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia	27	675	Daphnia lg.		
Hexarthra			Daphnia sml.		
Keratella			Diaphanosoma	1	25
Lecane	2	50	Macrothrix		
Platyias			Moina	5	125
Polyarthra	35	875	Others ^{V small}	2	50
Rotaria			CHIRONOMIDAE		
Synchaeta	3	75	NEMATODES		
Trichocerca	1	25			
other 	1	25			
Sub-total:	153	3825	Sub-total:	85	2125
Notes.			Total:	238	5950

ZOOPLANKTON COUNTS.Date counted: 20/Nov/90 Counted by: DLSite: MSt MSo TBx MTwSampling station: CLK3 (MSL-1 wet)Date sampled: 9/Nov/90Sieve size: 63umVolume of concentrated preserved sample: (10) 20 25 50 100 mlVolume of sub-sample: 1 ml. % of sample 10%

ROTIFERA			OTHER TAXA		
	sub-sample count	Total in sample		sub-sample count	Total in sample
Asplanchna	1	10	COPEPODA		
Brachionus	94	940	Nauplii	33	330
Cephalodella			Ad. long ant.	1	10
Collotheca			Ad short ant	1	10
Colurella			CLADOCERA		
Conochilus			Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia	17	170	Daphnia lg.		
Hexarthra	6	60	Daphnia sml.		
Keratella			Diaphanosoma		
Lecane			Macrothrix		
Platyias			Moina	1	10
Polyarthra	58	580	Others		
Rotaria			CHIRONOMIDAE		
Synchaeta ?	2	20	NEMATODES		
Trichocerca					
Sub-total:	178	1780	Sub-total:	36	360
Notes.			Total:	214	2140

ZOOPLANKTON COUNTS.Date counted: 20/Nov/90 Counted by: DVLSite: MSt MSo TBx MTwSampling station: CK4 (MSt BBQ Area)Date sampled: 9/Nov/90Sieve size: 63umVolume of concentrated preserved sample: (10) 20 25 50 100 mlVolume of sub-sample: 1 ml. % of sample 10%

ROTIFERA			OTHER TAXA		
	sub-sample count	Total in sample		sub-sample count	Total in sample
Asplanchna			COPEPODA		
Brachionus	<u>183</u>	<u>1830</u>	Nauplii	<u>11</u>	<u>110</u>
Cephalodella			Ad. long ant.		
Collotheca			Ad short ant.	<u>4</u>	<u>40</u>
Colurella			CLADOCERA		
Conochilus			Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia	<u>12</u>	<u>120</u>	Daphnia lg.		
Hexarthra	<u>13</u>	<u>130</u>	Daphnia sm.		
Keratella			Diaphanosoma		
Lecane			Macrothrix		
Platyias			Moina		
Polyarthra	<u>34</u>	<u>340</u>	Others		
Rotaria			CHIRONOMIDAE		
Synchaeta			NEMATODES		
Trichocerca	<u>5</u>	<u>50</u>			
Sub-total:	<u>247</u>	<u>2470</u>	Sub-total:	<u>15</u>	<u>150</u>
Notes.			Total:	<u>262</u>	<u>2620</u>

ZOOPLANKTON COUNTS.

Date counted: 20 Nov 1990 Counted by: DU

Site: MSt MSo TBx MTW

Sampling station: CCKS (MTW Blowout)

Date sampled: 9 Mar 90

Sieve size: 63um

Volume of concentrated preserved sample: 10 20 (25) 50 100 ml

Volume of sub-sample: 1 ml.

% of sample 4%

ROTIFERA			OTHER TAXA		
	sub-sample count	Total in sample		sub-sample count	Total in sample
Asplanchna			COPEPODA		
Brachionus	95	2375	Nauplii	40	1000
Cephalodella			Ad. long ant.	1	25
Collotheca			Ad short ant	5	125
Colurella			CLADOCERA		
Conochilus			Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia	1	25
Filinia	43	1075	Daphnia lg.		
Hexarthra	11	275	Daphnia sml.		
Keratella			Diaphanosoma		
Lecane			Macrothrix	1	25
Platyias			Moina	4	100
Polyarthra	4	100	Others (main?)	1	25
Rotaria			CHIRONOMIDAE		
Synchaeta			NEMATODES		
Trichocerca	12	300			
Sub-total:	165	4125	Sub-total:	53	1325
Notes.			Total:	218	5450

ZOOPLANKTON COUNTS.

Date counted: 20/Nov/90 Counted by: DL

Site: MSt MSo TBx MTw

Sampling station: CCK6 (TBx)

Date sampled: 9/Nov/90

Sieve size: 63um

Volume of concentrated preserved sample: 10 20 25 50 100 ml

Volume of sub-sample: 1 ml. % of sample 10%

ROTIFERA			OTHER TAXA		
	sub-sample count	Total in sample		sub-sample count	Total in sample
Asplanchna	7	70	COPEPODA		
Brachionus	9	90	Nauplii	35	350
Cephalodella			Ad. long ant.	22	220
Collotheca			Ad short ant	7	70
Colurella			CLADOCERA		
Conochilus			Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia	34	340	Daphnia lg.	1	10
Hexarthra	11	110	Daphnia sm.	2	20
Keratella			Diaphanosoma		
Lecane	4	40	Macrothrix	1	10
Platyias			Moina	13	130
Polyarthra	15	150	Others		
Rotaria			CHIRONOMIDAE		
Synchaeta			NEMATODES		
Trichocerca	5	50			
Sub-total:	85	850	Sub-total:	81	810
Notes.			Total:	166	1660

ZOOPLANKTON COUNTS.

Date counted: 20/Nov/90 Counted by: DU

Site: MSt MSo TBx MTw

Sampling station: CCK 7 (TBx Inlet)

Date sampled: 7/Nov/90

Sieve size: 63um

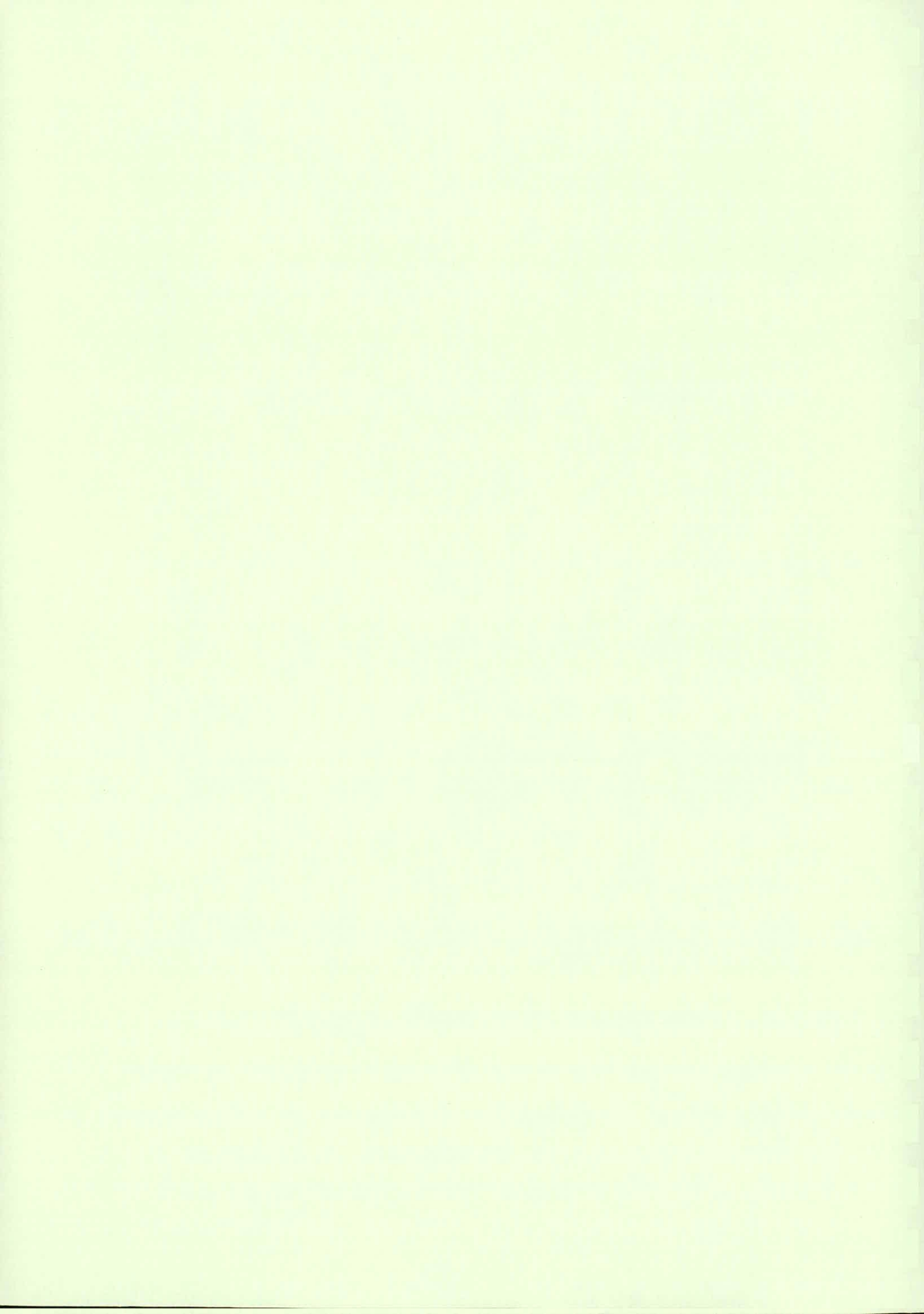
Volume of concentrated preserved sample: 10 20 (25) 50 100 ml

Volume of sub-sample: 1 ml. % of sample 4%

ROTIFERA			OTHER TAXA		
	sub-sample count	Total in sample		sub-sample count	Total in sample
Asplanchna	62	1550	COPEPODA		
Brachionus	50	1250	Nauplii	84	2100
Cephalodella			Ad. long ant.	1	25
Collotheca			Ad short ant	34	850
Colurella			CLADOCERA		
Conochilus			Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia	128	3200	Daphnia lg.		
Hexarthra	53	1325	Daphnia sml.		
Keratella			Diaphanosoma		
Lecane	2	50	Macrothrix		
Platyias			Moina	35	875
Polyarthra	121	3025	Others		
Rotaria			CHIRONOMIDAE	1	25
Synchaeta			NEMATODES		
Trichocerca					
Sub-total:	416	10400	Sub-total:	155	3875
Notes.			Total:	571	14275

BIOLOGICAL - ZOOPLANKTON; Date 3

22-Mar-90	BIO	ZP	MSo	Resr 1	-
22-Mar-90	BIO	ZP	MSo	Resr 2	-
22-Mar-90	BIO	ZP	MSo	Resr 3	-
22-Mar-90	BIO	ZP	MSo	Resr 4	-
22-Mar-90	BIO	ZP	MSo	Pool 1	-
22-Mar-90	BIO	ZP	MSo	Pool 5	-
22-Mar-90	BIO	ZP	MSo	Pool 6	-
22-Mar-90	BIO	ZP	MSo	Pool 7	-
22-Mar-90	BIO	ZP	MSo	Pool 9	-
22-Mar-90	BIO	ZP	MSo	Pool 10	-
22-Mar-90	BIO	ZP	MSo	Pool 13	-
22-Mar-90	BIO	ZP	MSo	Pool 16	-
22-Mar-90	BIO	ZP	MSo	Pool 17	-
22-Mar-90	BIO	ZP	MSo	Pool 18	-
22-Mar-90	BIO	ZP	MSo	TWR 6	-
19-Mar-90	BIO	ZP	TBx	Pool 1	-
19-Mar-90	BIO	ZP	TBx	Pool 2	-
19-Mar-90	BIO	ZP	TBx	Pool 5	-
19-Mar-90	BIO	ZP	TBx	Pool 6	-
19-Mar-90	BIO	ZP	TBx	Pool 8	-
19-Mar-90	BIO	ZP	TBx	Pool 9	-
19-Mar-90	BIO	ZP	TBx	Pool 10	-
19-Mar-90	BIO	ZP	TBx	Pool 12	-
19-Mar-90	BIO	ZP	TBx	Pool 13	-
19-Mar-90	BIO	ZP	TBx	TWR 4	-
19-Mar-90	BIO	ZP	TBx	TWR 5	-
19-Mar-90	BIO	ZP	TBx	MF 1	-
23-Mar-90	BIO	ZP	MSt	Resr 1	-
23-Mar-90	BIO	ZP	MSt	Resr 2(DI)	-
23-Mar-90	BIO	ZP	MSt	Pool 1	-
23-Mar-90	BIO	ZP	MSt	Pool 3	-
23-Mar-90	BIO	ZP	MSt	Pool 10	-
23-Mar-90	BIO	ZP	MSt	Pool 12	-
23-Mar-90	BIO	ZP	MSt	Pool 15	-
23-Mar-90	BIO	ZP	MSt	Pool 17	-
23-Mar-90	BIO	ZP	MSt	Pool 23	-
21-Mar-90	BIO	ZP	MTw	Pool 25	-
21-Mar-90	BIO	ZP	MTw	Pool 31	-
21-Mar-90	BIO	ZP	MTw	Pool 32	-
21-Mar-90	BIO	ZP	MTw	Pool 34	-
21-Mar-90	BIO	ZP	MTw	Pool 35	-
21-Mar-90	BIO	ZP	MTw	Pool 36	-
21-Mar-90	BIO	ZP	MTw	Pool 41	-
21-Mar-90	BIO	ZP	MTw	Pool 43	-
21-Mar-90	BIO	ZP	MTw	TWR 8	-
20-Mar-90	BIO	ZP	-	MCK 1	-
20-Mar-90	BIO	ZP	-	CCK 1	-
20-Mar-90	BIO	ZP	-	CCK 2	-
20-Mar-90	BIO	ZP	-	CCK 3	-
20-Mar-90	BIO	ZP	-	CCK 4	-
20-Mar-90	BIO	ZP	-	CCK 5	-
19-Mar-90	BIO	ZP	TBx	CCK 6	-
19-Mar-90	BIO	ZP	TBx	CCK 7	-



DATE 3

MSo

ROTIFERA

Asplanchna

Brachionus

Conochilus

Filinia

Hexarthra

Keratella

Lecane

Polyarthra

Rotaria

Other

CLADOCERA

Daphnia (large)

Daphnia (small)

Moina

ZOOPLANKTON COUNTS.

Date counted: 21 Nov 190 Counted by: DK

Site: MSt (MSO) TBx MTw

Sampling station: Resr 1

Date sampled: 22 Mar 190

Sieve size: 63um

Volume of concentrated preserved sample: (10) 20 25 50 100 ml

Volume of sub-sample: 1 ml. % of sample 10%

ROTIFERA			OTHER TAXA		
	Sub-sample count	Total in sample		Sub-sample count	Total in sample
Asplanchna	104	1040	COPEPODA		
Brachionus	44	440	Nauplii	13	130
Cephalodella			Ad. long ant.	5	50
Collotheca			Ad short ant		
Colurella			CLADOCERA		
Conochilus			Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia	30	300	Daphnia lg.		
Hexarthra	1	10	Daphnia sm.		
Keratella	20	200	Diaphanosoma		
Lecane	1	10	Macrothrix		
Platyias			Moina	4	40
Polyarthra	62	620	Others		
Rotaria			CHIRONOMIDAE	2	20
Synchaeta			NEMATODES		
Trichocerca					
Sub-total:	262	2620	Sub-total:	24	240
Notes.			Total:	286	2860

ZOOPLANKTON COUNTS.

Date counted: 2 / Nov / 90 Counted by: JK

Site: MSt (MSO) TBx MTW

Sampling station: Res. 2

Date sampled: 22 / Mar / 90

Sieve size: 63um

Volume of concentrated preserved sample: 10 20 (25) 50 100 ml

Volume of sub-sample: 1 ml. % of sample 4%

ROTIFERA			OTHER TAXA		
	Sub-sample count	Total in sample		Sub-sample count	Total in sample
Asplanchna	1	25	COPEPODA		
Brachionus	31	775	Nauplii	12	300
Cephalodella			Ad. long ant.	36	900
Collotheca			Ad short ant	2	50
Colurella			CLADOCERA		
Conochilus	222	5550	Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia	20	500	Daphnia lg.		
Hexarthra	15	375	Daphnia sml.		
Keratella	12	300	Diaphanosoma		
Lecane			Macrothrix		
Platyias			Moina	29	725
Polyarthra			Others		
Rotaria	3	75	CHIRONOMIDAE		
Synchaeta			NEMATODES		
Trichocerca					
Sub-total:	304	7600	Sub-total:	79	1975
				383	9575

Notes.

Total:

Rotifer colonies 1
Vorticellids colonies 4

ZOOPLANKTON COUNTS.

Date counted: 21 Nov 190 Counted by: JAL

Site: MSt (MSO) TBx MTw

Sampling station: Res. 3

Date sampled: 22/ Mar / 90

Sieve size: 63um

Volume of concentrated preserved sample: (10) 20 25 50 100 ml

Volume of sub-sample: 1 ml. % of sample 10%

ROTIFERA			OTHER TAXA		
	Sub-sample count	Total in sample		Sub-sample count	Total in sample
Asplanchna	1	10	COPEPODA		
Brachionus	20	200	Nauplii	71	710
Cephalodella			Ad. long ant.	71	710
Collotheca			Ad short ant		
Colurella			CLADOCERA		
Conochilus	13	130	Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia	27	270	Daphnia lg.		
Hexarthra	36	360	Daphnia sml.	1	10
Keratella	25	250	Diaphanosoma		
Lecane	1	10	Macrothrix		
Platytias			Moina	53	530
Polyarthra	5	50	Others small	1	10
Rotaria			CHIRONOMIDAE	1	10
Synchaeta			NEMATODES		
Trichocerca					
Sub-total:	128	1280	Sub-total:	198	1980
			Total:	326	3260

Notes.

Rotifera colonies 4
Vorticellid colonies 6

ZOOPLANKTON COUNTS.

Date counted: 2 / Nov / 90 Counted by: JLL

Site: MSt (MSO) TBx MTw

Sampling station: Rgr 4

Date sampled: 22 / Mar / 90

Sieve size: 63um

Volume of concentrated preserved sample: 10 20 (25) 50 100 ml

Volume of sub-sample: 1 ml. % of sample 4%

ROTIFERA			OTHER TAXA		
	Sub-sample count	Total in sample		Sub-sample count	Total in sample
Asplanchna			COPEPODA		
Brachionus	9	225	Nauplii	39	975
Cephalodella			Ad. long ant.	54	1350
Collotheca			Ad short ant		
Colurella			CLADOCERA		
Conochilus	30	750	Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia	11	275	Daphnia lg.		
Hexarthra	22	550	Daphnia sml.		
Keratella	11	275	Diaphanosoma		
Lecane	2	50	Macrothrix		
Platytias			Moina	26	650
Polyarthra	1	25	Others		
Rotaria	4	100	CHIRONOMIDAE		
Synchaeta			NEMATODES		
Trichocerca					
Sub-total:	90	2250	Sub-total:	119	2975
			Total:	209	5225

Notes.

Rotifera colonies 4

Vorticellids " 20

ZOOPLANKTON COUNTS.

Date counted: 2 / Nov / 90 Counted by: *du*

Site: MSt (MSO) TBx MTw

Sampling station: *Pool 1*

Date sampled: 22 / Mar / 90

Sieve size: 63um

Volume of concentrated preserved sample: 10 20 25 50 (100) ml

Volume of sub-sample: 1 ml. % of sample *1%*

ROTIFERA			OTHER TAXA		
	Sub-sample count	Total in sample		Sub-sample count	Total in sample
Asplanchna	20	2000	COPEPODA		
Brachionus	99	9900	Nauplii	15	1500
Cephalodella			Ad. long ant.	2	200
Collotheca			Ad short ant		
Colurella			CLADOCERA		
Conochilus			Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia	358	35800	Daphnia lg.		
Hexarthra	204	20400	Daphnia sm1.		
Keratella	911	91100	Diaphanosoma		
Lecane			Macrothrix		
Flatyias			Moina	2	200
Polyarthra	184	18400	Others		
Rotaria			CHIRONOMIDAE		
Synchaeta			NEMATODES		
Trichocerca					
Sub-total:	1776	177600	Sub-total:	19	1900
Notes.	Total:			1795	179500

ZOOPLANKTON COUNTS.

Date counted: 2 / Nov / 90 Counted by: DK

Site: MSt (MSO) TBx MTw

Sampling station: Pool 5

Date sampled: 22 / Mar / 90

Sieve size: 63um

Volume of concentrated preserved sample: (10) 20 25 50 100 ml

Volume of sub-sample: 1 ml. % of sample 10%

ROTIFERA			OTHER TAXA		
	Sub-sample count	Total in sample		Sub-sample count	Total in sample
Asplanchna			COPEPODA		
Brachionus	15	150	Nauplii	127	1270
Cephalodella			Ad. long ant.	26	260
Collotheca			Ad short ant	1	10
Colurella			CLADOCERA		
Conochilus			Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia	11	110	Daphnia lg.		
Hexarthra	1	10	Daphnia sml.		
Keratella	16	160	Diaphanosoma		
Lecane	1	10	Macrothrix		
Platytias			Moina	41	410
Polyarthra	1	10	Others		
Rotaria			CHIRONOMIDAE		
Synchaeta			NEMATODES		
Trichocerca					
Sub-total:	45	450	Sub-total:	195	1950
Notes.			Total:	240	2400

ZOOPLANKTON COUNTS.

Date counted: 2 / Nov / 90 Counted by: JH

Site: MSt (MSO) TBx MTw

Sampling station: Pool 6

Date sampled: 22 / Mar / 90

Sieve size: 63um

Volume of concentrated preserved sample: 10 20 (25) 50 100 ml

Volume of sub-sample: 1 ml. % of sample 4%

ROTIFERA			OTHER TAXA		
	Sub-sample count	Total in sample		Sub-sample count	Total in sample
Asplanchna	2	50	COPEPODA		
Brachionus	280	7000	Nauplii	12	300
Cephalodella			Ad. long ant.	2	50
Collotheca			Ad short ant		
Colurella			CLADOCERA		
Conochilus			Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia	1	25	Daphnia lg.		
Hexarthra			Daphnia sm.		
Keratella	1	25	Diaphanosoma		
Lecane	1	25	Macrothrix		
Platyias			Moina	191	4775
Polyarthra	2	50	Others		
Rotaria			CHIRONOMIDAE	2	50
Synchaeta			NEMATODES		
Trichocerca					
Sub-total:	287	7175	Sub-total:	207	5175
Notes.			Total:	494	12350

ZOOPLANKTON COUNTS.

Date counted: 1 / Nov / 90 Counted by: JH

Site: MSt (MSO) TBx MTw

Sampling station: Pool 7

Date sampled: 22 / Mar / 90

Sieve size: 63um

Volume of concentrated preserved sample: (10) 20 25 50 100 ml

Volume of sub-sample: 1 ml. % of sample 10%

ROTIFERA			OTHER TAXA		
	Sub-sample count	Total in sample		Sub-sample count	Total in sample
Asplanchna	11	110	COPEPODA		
Brachionus	127	1270	Nauplii	10	100
Cephalodella			Ad. long ant.		
Collotheca			Ad short ant		
Colurella			CLADOCERA		
Conochilus			Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia	18	180	Daphnia lg.		
Hexarthra	21	210	Daphnia sm1.		
Keratella	74	740	Diaphanosoma		
Lecane	1	10	Macrothrix		
Platytias			Moina		
Polyarthra	42	420	Others		
Rotaria			CHIRONOMIDAE		
Synchaeta			NEMATODES		
Trichocerca					
Sub-total:	294	2940	Sub-total:	10	100
Notes.			Total:	304	3040

ZOOPLANKTON COUNTS.

Date counted: 1 / Nov / 90 Counted by: DK

Site: MST (MSO) TBx MTw

Sampling station: Pool 9

Date sampled: 22 / Mar / 90

Sieve size: 63um

Volume of concentrated preserved sample: 10 20 25 (50) 100 ml

Volume of sub-sample: 1 ml. % of sample 2%

ROTIFERA			OTHER TAXA		
	Sub-sample count	Total in sample		Sub-sample count	Total in sample
Asplanchna	90	4500	COPEPODA		
Brachionus	19	950	Nauplii	30	1500
Cephalodella			Ad. long ant.	10	500
Collotheca			Ad short ant	2	100
Colurella			CLADOCERA		
Conochilus			Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia	3	150	Daphnia lg.		
Hexarthra			Daphnia sml.		
Keratella	1	50	Diaphanosoma		
Lecane			Macrothrix		
Platyias			Moina	7	350
Polyarthra	51	2550	Others		
Rotaria			CHIRONOMIDAE		
Synchaeta			NEMATODES		
Trichocerca					
Sub-total:	164	8200	Sub-total:	49	2450
Notes.			Total:	213	10650

ZOOPLANKTON COUNTS.

Date counted: 1 / Nov / 90 Counted by: DL

Site: MSt (MSO) TBx MTw

Sampling station: Pool 10

Date sampled: 22 / Mar / 90

Sieve size: 63um

Volume of concentrated preserved sample: 10 20 25 (50) 100 ml

Volume of sub-sample: 1 ml. % of sample 2%

ROTIFERA			OTHER TAXA		
	Sub-sample count	Total in sample		Sub-sample count	Total in sample
Asplanchna			COPEPODA		
Brachionus	4	200	Nauplii	2	100
Cephalodella			Ad. long ant.	1	50
Collotheca			Ad short ant		
Colurella			CLADOCERA		
Conochilus			Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia	3	150	Daphnia lg.		
Hexarthra			Daphnia sml.		
Keratella	3	150	Diaphanosoma		
Lecane	1	50	Macrothrix		
Platyias			Moina		
Polyarthra	166	8300	Others		
Rotaria			CHIRONOMIDAE		
Synchaeta			NEMATODES		
Trichocerca					
Sub-total:	177	8850	Sub-total:	3	150
Notes.			Total:	180	9000

ZOOPLANKTON COUNTS.

Date counted: 1 / Nov 190 Counted by: Du

Site: MSt MSO TBx MTw

Sampling station: Pool 13

Date sampled: / /

Sieve size: 63um

Volume of concentrated preserved sample: 10 20 25 50 100 ml

Volume of sub-sample: 1 ml. % of sample 10%

ROTIFERA			OTHER TAXA		
	Sub-sample count	Total in sample		Sub-sample count	Total in sample
Asplanchna	20	200	COPEPODA		
Brachionus	82	820	Nauplii	1	10
Cephalodella			Ad. long ant.	9	90
Collotheca			Ad short ant		
Colurella			CLADOCERA		
Conochilus			Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia			Daphnia lg.		
Hexarthra			Daphnia sml.		
Keratella			Diaphanosoma		
Lecane	1	10	Macrothrix		
Platyias			Moina	24	240
Polyarthra	5	50	Others		
Rotaria			CHIRONOMIDAE	1	10
Synchaeta			NEMATODES		
Trichocerca					
Sub-total:	108	1080	Sub-total:	35	350
Notes.			Total:	143	1430

Spinogona present

ZOOPLANKTON COUNTS.

Date counted: 7 / Nov / 90 Counted by: DU

Site: MSt (MSO) TBx MTw

Sampling station: Pool 16

Date sampled: 22 / Mar / 90

Sieve size: 63um

Volume of concentrated preserved sample: 10 20 (25) 50 100 ml

Volume of sub-sample: 1 ml. % of sample 4 %

ROTIFERA			OTHER TAXA		
	Sub-sample count	Total in sample		Sub-sample count	Total in sample
Asplanchna	6	150	COPEPODA		
Brachionus	1	25	Nauplii	8	200
Cephalodella			Ad. long ant.	90	2250
Collotheca			Ad short ant		
Colurella			CLADOCERA		
Conochilus	4	100	Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia			Daphnia lg.		
Hexarthra			Daphnia sm1.		
Keratella			Diaphanosoma		
Lecane	1	25	Macrothrix		
Platyias			Moina	228	5700
Polyarthra			Others		
Rotaria			CHIRONOMIDAE	2	50
Synchaeta			NEMATODES		
Trichocerca					
Sub-total:	12	300	Sub-total:	328	8200
			Total:	340	8500

Notes.

Total:

Spirogyra present

Helix Cotton Study Moree Australia.Study No. 90JH006ZOOPLANKTON COUNTS.

Date counted: 11 Nov 190 Counted by: DU

Site: MSt (MSO) TBx MTw

Sampling station: Pool 17

Date sampled: 22/ Mar 190

Sieve size: 63um

Volume of concentrated preserved sample: 10 20 25 (50) 100 ml

Volume of sub-sample: 1 ml. % of sample 2%

ROTIFERA			OTHER TAXA		
	sub-sample count	Total in sample		sub-sample count	Total in sample
Asplanchna			COPEPODA		
Brachionus			Nauplii	37	1850
Cephalodella			Ad. long ant.	60	3000
Collotheca			Ad short ant		
Colurella			CLADOCERA		
Conochilus			Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia	1	50	Daphnia lg.		
Hexarthra	3	150	Daphnia sm1.		
Keratella			Diaphanosoma		
Lecane			Macrothrix		
Platyias			Moina	21	1050
Polyarthra			Others		
Rotaria			CHIRONOMIDAE		
Synchaeta			NEMATODES		
Trichocerca					
Sub-total:	4	200	Sub-total:	118	5900
			Total:	122	6100

Notes.

Total:

Spirogyra present

ZOOPLANKTON COUNTS.

Date counted: 1 / Nov / 90 Counted by: DV

Site: MSt (MSQ) TBx MTw

Sampling station: Pool 18

Date sampled: 22 / Mar / 90

Sieve size: 63um

Volume of concentrated preserved sample: 10 20 25 (50) 100 ml

Volume of sub-sample: 1 ml. % of sample 2%

ROTIFERA			OTHER TAXA		
	sub-sample count	Total in sample		sub-sample count	Total in sample
Asplanchna			COPEPODA		
Brachionus	2	100	Nauplii	4	200
Cephalodella			Ad. long ant.	6	300
Collotheca			Ad short ant		
Colurella			CLADOCERA		
Conochilus	11	550	Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia	2	100	Daphnia lg.		
Hexarthra			Daphnia sml.	2	100
Keratella			Diaphanosoma		
Lecane			Macrothrix		
Platyias			Moina	224	11200
Polyarthra			Others		
Rotaria			CHIRONOMIDAE	5	250
Synchaeta			NEMATODES		
Trichocerca					
Others	2	100			
Sub-total:	17	850	Sub-total:	241	12050
Notes.			Total:	258	12900

Spirogyra present

Some moina seem to have fungal growth on the carapace.

ZOOPLANKTON COUNTS.

Date counted: 1 / Nov / 90 Counted by: DK

Site: MSt (MSO) TBx MTw

Sampling station: TWn 6

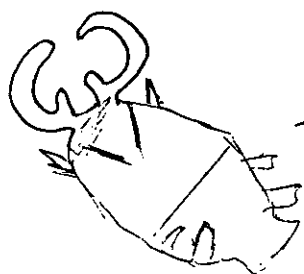
Date sampled: 22 / Mar / 90

Sieve size: 63um

Volume of concentrated preserved sample: (10) 20 25 50 100 ml

Volume of sub-sample: 1 ml. % of sample 10%

ROTIFERA			OTHER TAXA		
	Sub-sample count	Total in sample		Sub-sample count	Total in sample
Asplanchna			COPEPODA		
Brachionus	1	10	Nauplii	8	80
Cephalodella			Ad. long ant.	4	40
Collotheca			Ad short ant		
Colurella			CLADOCERA		
Conochilus			Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia			Daphnia lg.	1	10
Hexarthra			Daphnia sml.	35	350
Keratella			Diaphanosoma		
Lecane			Macrothrix		
Platytias			Moina	2	20
Polyarthra	12	120	Others		
Rotaria			CHIRONOMIDAE		
Synchaeta			NEMATODES		
Trichocerca					
Sub-total:	13	130	Sub-total:	50	500
Notes.			Total:	63	630



Terrestrial mite?

DATE 3

TBx

ROTIFERA

Asplanchna

Brachionus

Filinia

Hexarthra

Keratella

Lecane

Polyarthra

Other

CLADOCERA

Daphnia (large)

Daphnia (small)

Diaphanosoma

Moina

ZOOPLANKTON COUNTS.

Date counted: 31 / Oct / 90 Counted by: DK

Site: MSt MSo (TBx) MTw

Sampling station: Pool 1

Date sampled: 19 / Mar / 90

Sieve size: 63um

Volume of concentrated preserved sample: (10) 20 25 50 100 ml

Volume of sub-sample: 1 ml. % of sample 10%

ROTIFERA			OTHER TAXA		
	Sub-sample count	Total in sample		Sub-sample count	Total in sample
Asplanchna	86	860	COPEPODA		
Brachionus	195	1950	Nauplii	3	30
Cephalodella			Ad. long ant.	14	140
Collotheca			Ad short ant		
Colurella			CLADOCERA		
Conochilus			Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia	2	20	Daphnia lg.		
Hexarthra			Daphnia sml.	6	60
Keratella			Diaphanosoma		
Lecane			Macrothrix		
Platylas			Moina	1	10
Polyarthra	15	150	Others		
Rotaria			CHIRONOMIDAE	2	20
Synchaeta			NEMATODES		
Trichocerca					
Sub-total:	298	2980	Sub-total:	26	260
Notes.			Total:	324	3240

ZOOPLANKTON COUNTS.

Date counted: 31 Oct 190 Counted by: DV

Site: MSt MSo (TBx) MTw

Sampling station: Pool 2

Date sampled: 19 Mar 190

Sieve size: 63um

Volume of concentrated preserved sample: 10 20 (25) 50 100 ml

Volume of sub-sample: 1 ml. % of sample 4%

ROTIFERA			OTHER TAXA		
	Sub-sample count	Total in sample		Sub-sample count	Total in sample
Asplanchna	5	125	COPEPODA		
Brachionus	33	825	Nauplii	63	1575
Cephalodella			Ad. long ant.	87	2175
Collotheca			Ad short ant	1	10
Colurella			CLADOCERA		
Conochilus			Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia			Daphnia lg.		
Hexarthra	1	25	Daphnia sm1.	7	175
Keratella			Diaphanosoma		
Lecane			Macrothrix		
Platyias			Moina	11	275
Polyarthra	7	175	Others		
Rotaria			CHIRONOMIDAE		
Synchaeta			NEMATODES		
Trichocerca					
Sub-total:	46	1150	Sub-total:	169	4225
Notes.			Total:	215	5375

ZOOPLANKTON COUNTS.

Date counted: 31 Oct 190 Counted by: DA

Site: MSt MSo TEK MTw

Sampling station: Pool 5

Date sampled: 19 Mar 190

Sieve size: 63um

Volume of concentrated preserved sample: 10 20 25 50 100 ml

Volume of sub-sample: 1 ml. % of sample 10%

ROTIFERA			OTHER TAXA		
	Sub-sample count	Total in sample		Sub-sample count	Total in sample
Asplanchna	11	110	COPEPODA		
Brachionus	96	960	Nauplii	135	1350
Cephalodella			Ad. long ant.	51	510
Collotheca			Ad short ant	5	50
Colurella			CLADOCERA		
Conochilus			Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia	1	10	Daphnia lg.		
Hexarthra	23	230	Daphnia sml.		
Keratella			Diaphanosoma		
Lecane			Macrothrix		
Platytias			Moina	21	210
Polyarthra	31	310	Others		
Rotaria			CHIRONOMIDAE		
Synchaeta			NEMATODES		
Trichocerca					
Sub-total:	162	1620	Sub-total:	212	2120
Notes.			Total:	374	3740

ZOOPLANKTON COUNTS.

 Date counted: 31 Oct 190 Counted by: DK

 Site: MSt MSo (TBx) MTw

 Sampling station: Pool 6

 Date sampled: 19 Mar 90

 Sieve size: 63um

 Volume of concentrated preserved sample: (10) 20 25 50 100 ml

 Volume of sub-sample: 1 ml. % of sample 10%

ROTIFERA			OTHER TAXA		
	Sub-sample count	Total in sample		Sub-sample count	Total in sample
Asplanchna	<u>19</u>	<u>190</u>	COPEPODA		
Brachionus	<u>13</u>	<u>130</u>	Nauplii	<u>268</u>	<u>2680</u>
Cephalodella			Ad. long ant.	<u>21</u>	<u>210</u>
Collotheca			Ad short ant	<u>2</u>	<u>20</u>
Colurella			CLADOCERA		
Conochilus			Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia	<u>1</u>	<u>10</u>	Daphnia lg.		
Hexarthra	<u>11</u>	<u>110</u>	Daphnia sm1.	<u>8</u>	<u>80</u>
Keratella			Diaphanosoma		
Lecane	<u>1</u>	<u>10</u>	Macrothrix		
Platyias			Moina	<u>16</u>	<u>160</u>
Polyarthra	<u>407</u>	<u>4070</u>	Others v. small	<u>1</u>	<u>10</u>
Rotaria			CHIRONOMIDAE		
Synchaeta			NEMATODES		
Trichocerca					
<u>Other</u>	<u>18</u>	<u>180</u>			
Sub-total:	<u>470</u>	<u>4700</u>	Sub-total:	<u>316</u>	<u>3160</u>
Notes.			Total:	<u>786</u>	<u>7860</u>

ZOOPLANKTON COUNTS.

Date counted: / / Counted by:

Site: MSt MSo TRx MTwSampling station: Pool 8

Date sampled: / /

Sieve size: 63um

Volume of concentrated preserved sample: 10 20 25 50 100 ml

Volume of sub-sample: 1 ml. % of sample

ROTIFERA			OTHER TAXA		
	sub-sample count	Total in sample		sub-sample count	Total in sample
Asplanchna			COPEPODA		
Brachionus			Nauplii		
Cephalodella			Ad. long ant.		
Collotheca			Ad short ant		
Colurella			CLADOCERA		
Conochilus			Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia			Daphnia lg.		
Hexarthra			Daphnia sml.		
Keratella			Diaphanosoma		
Lecane			Macrothrix		
Platyias			Moina		
Polyarthra			Others		
Rotaria			CHIRONOMIDAE		
Synchaeta			NEMATODES		
Trichocerca					
Sub-total:			Sub-total:		
Notes.			Total:		

No Sample

ZOOPLANKTON COUNTS.

Date counted: 31 Oct 190 Counted by: DU

Site: MSt MSo (TBx) MTw

Sampling station: Pool 9

Date sampled: 19 Mar 90

Sieve size: 63um

Volume of concentrated preserved sample: (10) 20 25 50 100 ml

Volume of sub-sample: 1 ml. % of sample 10%

ROTIFERA			OTHER TAXA		
	Sub-sample count	Total in sample		Sub-sample count	Total in sample
Asplanchna			COPEPODA		
Brachionus	57	570	Nauplii	18	180
Cephalodella			Ad. long ant.	2	20
Collotheca			Ad short ant	2	20
Colurella			CLADOCERA		
Conochilus			Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia	9	90	Daphnia lg.		
Hexarthra	1	10	Daphnia sml.	6	60
Keratella			Diaphanosoma		
Lecane	2	20	Macrothrix		
Platylas			Moina		
Polyarthra			Others		
Rotaria			CHIRONOMIDAE		
Synchaeta			NEMATODES		
Trichocerca					
Other *	1	10			
Sub-total:	70	700	Sub-total:	28	280
			Total:	98	980

Notes.

*



lots of sediment particles present

ZOOPLANKTON COUNTS.

Date counted: / / Counted by:

Site: MSt MSo TEB MTwSampling station: Pool 10

Date sampled: / /

Sieve size: 63um

Volume of concentrated preserved sample: 10 20 25 50 100 ml

Volume of sub-sample: 1 ml. % of sample

ROTIFERA			OTHER TAXA		
	sub-sample count	Total in sample		sub-sample count	Total in sample
Asplanchna			COPEPODA		
Brachionus			Nauplii		
Cephalodella			Ad. long ant.		
Collotheca			Ad short ant		
Colurella			CLADOCERA		
Conochilus			Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia			Daphnia lg.		
Hexarthra			Daphnia sm.		
Keratella			Diaphanosoma		
Lecane			Macrothrix		
Platylas			Moina		
Polyarthra			Others		
Rotaria			CHIRONOMIDAE		
Synchaeta			NEMATODES		
Trichocerca					
Sub-total:			Sub-total:		
Notes.	Total:				

No Sample

ZOOPLANKTON COUNTS.

Date counted: 30 Oct 190 Counted by: DU

Site: MST MSo TBx MTw

Sampling station: Pool 12

Date sampled: 19 Mar 90

Sieve size: 63um

Volume of concentrated preserved sample: 10 20 25 50 100 ml

Volume of sub-sample: 1 ml. % of sample 1%

ROTIFERA			OTHER TAXA		
	Sub-sample count	Total in sample		Sub-sample count	Total in sample
Asplanchna	16	1600	COPEPODA		
Brachionus	143	14300	Nauplii	41	4100
Cephalodella			Ad. long ant.		
Collotheca			Ad short ant	26	2600
Colurella			CLADOCERA		
Conochilus			Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia			Daphnia lg.		
Hexarthra			Daphnia sml.		
Keratella			Diaphanosoma		
Lecane			Macrothrix		
Platyias			Moina	15	1500
Polyarthra	3	300	Others		
Rotaria			CHIRONOMIDAE		
Synchaeta			NEMATODES		
Trichocerca					
Sub-total:	162	16200	Sub-total:	82	8200
Notes.			Total:	244	24400

ZOOPLANKTON COUNTS.

Date counted: 29 Oct 190 Counted by: DU

Site: MST MSo TBx MTw

Sampling station: Pool 13

Date sampled: 19 Mar 190

Sieve size: 63um

Volume of concentrated preserved sample: 10 20 25 50 (100) ml

Volume of sub-sample: 1 ml. % of sample 1%

ROTIFERA			OTHER TAXA		
	Sub-sample count	Total in sample		Sub-sample count	Total in sample
Asplanchna	3	300	COPEPODA		
Brachionus	289	28900	Nauplii	10	1000
Cephalodella			Ad. long ant.		
Collotheca			Ad short ant		
Colurella			CLADOCERA		
Conochilus			Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia			Daphnia lg.		
Hexarthra			Daphnia sml.		
Keratella			Diaphanosoma		
Lecane	1	100	Macrothrix		
Platyias			Moina	3	300
Polyarthra	231	23100	Others		
Rotaria			CHIRONOMIDAE		
Synchaeta			NEMATODES		
Trichocerca					
Others	30	3000			
Sub-total:	554	55400	Sub-total:	13	1300
Notes.			Total:	567	56700

ZOOPLANKTON COUNTS.Date counted: 26 Oct 190 Counted by: JKSite: MSt MSo (TBx) MTwSampling station: TWR4Date sampled: 19 Mar 190Sieve size: 63umVolume of concentrated preserved sample: 10 20 25 (50) 100 mlVolume of sub-sample: 1 ml. % of sample 2 %

ROTIFERA			OTHER TAXA		
	Sub-sample count	Total in sample		Sub-sample count	Total in sample
Asplanchna			COPEPODA		
Brachionus	<u>450</u>	<u>22500</u>	Nauplii	<u>182</u>	<u>9100</u>
Cephalodella			Ad. long ant.		
Collotheca			Ad short ant	<u>16</u>	<u>800</u>
Colurella			CLADOCERA		
Conochilus			Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia	<u>16</u>	<u>800</u>	Daphnia lg.	<u>1</u>	<u>50</u>
Hexarthra	<u>1</u>	<u>50</u>	Daphnia sml.	<u>24</u>	<u>1200</u>
Keratella			Diaphanosoma		
Lecane			Macrothrix		
Platyias			Moina	<u>3</u>	<u>150</u>
Polyarthra	<u>42</u>	<u>2100</u>	Others		
Rotaria			CHIRONOMIDAE		
Synchaeta			NEMATODES		
Trichocerca					
Sub-total:	<u>509</u>	<u>25450</u>	Sub-total:	<u>226</u>	<u>11300</u>
Notes.			Total:	<u>735</u>	<u>36750</u>

ZOOPLANKTON COUNTS.

Date counted: 26 Oct 190 Counted by: DU

Site: MSt MSo (TBx) MTw

Sampling station: TWR 5

Date sampled: 19 Mar 190

Sieve size: 63um

Volume of concentrated preserved sample: 10 20 (25) 50 100 ml

Volume of sub-sample: 1 ml. % of sample 4%

ROTIFERA			OTHER TAXA		
	Sub-sample count	Total in sample		Sub-sample count	Total in sample
Asplanchna	1	25	COPEPODA		
Brachionus	110	2750	Nauplii	158	3950
Cephalodella			Ad. long ant.	5	125
Collotheca			Ad short ant	5	125
Colurella			CLADOCERA		
Conochilus			Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia	37	925	Daphnia lg.		
Hexarthra	5	125	Daphnia sml.		
Keratella	9	225	Diaphanosoma	1	125
Lecane	4	100	Macrothrix		
Platyias			Moina	7	175
Polyarthra	101	2525	Others		
Rotaria			CHIRONOMIDAE	1	25
Synchaeta			NEMATODES		
Trichocerca					
Sub-total:	267	6675	Sub-total:	177	4425
Notes.			Total:	444	11,100

ZOOPLANKTON COUNTS.

Date counted: 25/04/90 Counted by: DU

Site: MSt MSo (TBx) MTw

Sampling station: MFI

Date sampled: 19/1 May 90

Sieve size: 63um

Volume of concentrated preserved sample: (10) 20 25 50 100 ml

Volume of sub-sample: 1 ml. % of sample 10%

ROTIFERA			OTHER TAXA		
	Sub-sample count	Total in sample		Sub-sample count	Total in sample
Asplanchna			COPEPODA		
Brachionus	2	20	Nauplii	55	550
Cephalodella			Ad. long ant.	70	700
Collotheca			Ad short ant	4	40
Colurella			CLADOCERA		
Conochilus			Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia			Daphnia lg.	5	50
Hexarthra			Daphnia sml.	45	450
Keratella			Diaphanosoma		
Lecane			Macrothrix		
Platyias			Moina	2	20
Polyarthra	12	120	Others		
Rotaria			CHIRONOMIDAE	2	20
Synchaeta			NEMATODES		
Trichocerca					
Sub-total:	14	140	Sub-total:	183	1830
Notes.			Total:	197	1970

DATE 3

MSt

ROTIFERA

Asplanchna

Brachionus

Conochilus

Filinia

Hexarthra

Keratella

Lecane

Polyarthra

Rotaria

Other

CLADOCERA

Diaphanosoma

Moina

ZOOPLANKTON COUNTS.

Date counted: 25 Oct 1990 Counted by: DU

Site: (MST) MSo TBx MTw

Sampling station: Res 1

Date sampled: 23 Mar 1990

Sieve size: 63um

Volume of concentrated preserved sample: (10) 20 25 50 100 ml

Volume of sub-sample: 1 ml. % of sample 10%

ROTIFERA			OTHER TAXA		
	Sub-sample count	Total in sample		Sub-sample count	Total in sample
Asplanchna			COPEPODA		
Brachionus	8	80	Nauplii	100	1000
Cephalodella			Ad. long ant.	8	80
Collotheca			Ad short ant *	47	470
Colurella			CLADOCERA		
Conochilus			Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia	8	80	Daphnia lg.		
Hexarthra			Daphnia sm.		
Keratella	33	330	Diaphanosoma		
Lecane			Macrothrix		
Platyias			Moina	23	230
Polyarthra	3	30	Others		
Rotaria	3	30	CHIRONOMIDAE		
Synchaeta			NEMATODES		
Trichocerca					
Other **	2	20			
Sub-total:	57	570	Sub-total:	178	1780
			Total:	235	2350

Notes.

* 1 long thin copepod

**



ZOOPLANKTON COUNTS.

Date counted: 25 Oct 190 Counted by: JH

Site: (MSt) MSo TBx MTw

Sampling station: Res. 2 (DI)

Date sampled: 23 Mar 190

Sieve size: 63um

Volume of concentrated preserved sample: (10) 20 25 50 100 ml

Volume of sub-sample: 1 ml. % of sample 10%

ROTIFERA			OTHER TAXA		
	Sub-sample count	Total in sample		Sub-sample count	Total in sample
Asplanchna			COPEPODA		
Brachionus	9	90	Nauplii	44	440
Cephalodella			Ad. long ant.	9	90
Collotheca			Ad short ant	8	80
Colurella			CLADOCERA		
Conochilus			Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia	8	80	Daphnia lg.		
Hexarthra			Daphnia sm.		
Keratella	65	650	Diaphanosoma		
Lecane	1	10	Macrothrix		
Platyias			Moina		
Polyarthra			Others		
Rotaria	1	10	CHIRONOMIDAE		
Synchaeta			NEMATODES		
Trichocerca					
Sub-total:	84	840	Sub-total:	61	610
Notes.			Total:	145	1450

ZOOPLANKTON COUNTS.Date counted: 25/04/90 Counted by: DUSite: (MSt) MSo TBx MTwSampling station: Pool 1Date sampled: 23 Mar 190

Sieve size: 63um

Volume of concentrated preserved sample: (10) 20 25 50 100 mlVolume of sub-sample: 1 ml. % of sample 10%

ROTIFERA			OTHER TAXA		
	Sub-sample count	Total in sample		Sub-sample count	Total in sample
Asplanchna	12	120	COPEPODA		
Brachionus	30	300	Nauplii	97	970
Cephalodella			Ad. long ant.	39	390
Collotheca			Ad short ant	20	200
Colurella			CLADOCERA		
Conochilus			Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia	13	130	Daphnia lg.		
Hexarthra			Daphnia sml.		
Keratella	2	20	Diaphanosoma		
Lecane			Macrothrix		
Platyias			Moina	4	40
Polyarthra	9	90	Others		
Rotaria	3	30	CHIRONOMIDAE		
Synchaeta			NEMATODES		
Trichocerca					
Others *	2	20			
Sub-total:	71	710	Sub-total:	160	1600
			Total:	231	2310

Notes.

*



ZOOPLANKTON COUNTS.

Date counted: 25/10/90 Counted by: JK

Site: (MSt) MSo TBx MTw

Sampling station: Pool 3

Date sampled: 23/11/90

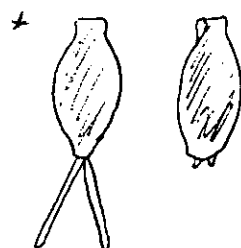
Sieve size: 63um

Volume of concentrated preserved sample: (10) 20 25 50 100 ml

Volume of sub-sample: 1 ml. % of sample 10%

ROTIFERA			OTHER TAXA		
	sub-sample count	Total in sample		sub-sample count	Total in sample
Asplanchna			COPEPODA		
Brachionus	3	30	Nauplii	353	3530
Cephalodella			Ad. long ant.	100	1000
Collotheca			Ad short ant	8	80
Colurella			CLADOCERA		
Conochilus			Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia	2	20	Daphnia lg.		
Hexarthra			Daphnia sml.		
Keratella	8	80	Diaphanosoma	2	20
Lecane			Macrothrix		
Platyias			Moina	4	40
Polyarthra	1	10	Others		
Rotaria			CHIRONOMIDAE		
Synchaeta			NEMATODES		
Trichocerca					
Others *	2	20			
Sub-total:	16	160	Sub-total:	467	4670
			Total:	483	4830

Notes.



ZOOPLANKTON COUNTS.Date counted: 24 Oct 1990 Counted by: DUSite: (MSt) MSo TBx MTwSampling station: Pool 10Date sampled: 23 Mar 1990Sieve size: 63umVolume of concentrated preserved sample: 10 20 25 (50) 100 mlVolume of sub-sample: 1 ml. % of sample 2%

ROTIFERA			OTHER TAXA		
	Sub-sample count	Total in sample		Sub-sample count	Total in sample
Asplanchna			COPEPODA		
Brachionus	9	450	Nauplii	66	3300
Cephalodella			Ad. long ant.		
Collotheca			Ad short ant	14	700
Colurella			CLADOCERA		
Conochilus			Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia	229	11450	Daphnia lg.		
Hexarthra			Daphnia sml.		
Keratella	14	700	Diaphanosoma		
Lecane	1	50	Macrothrix		
Platylas			Moina		
Polyarthra			Others		
Rotaria	1	50	CHIRONOMIDAE		
Synchaeta			NEMATODES		
Trichocerca					
Sub-total:	254	12700	Sub-total:	80	4000
Notes.			Total:	334	16700

ZOOPLANKTON COUNTS.

Date counted: 24 Oct 190 Counted by: DV

Site: (MSt) MSo TBx MTw

Sampling station: Pool 12

Date sampled: 23 / Mar / 90

Sieve size: 63um

Volume of concentrated preserved sample: (10) 20 25 50 100 ml

Volume of sub-sample: 1 ml. % of sample 10%

ROTIFERA			OTHER TAXA		
	Sub-sample count	Total in sample		Sub-sample count	Total in sample
Asplanchna			COPEPODA		
Brachionus	3	30	Nauplii	63	630
Cephalodella			Ad. long ant.		
Collotheca			Ad short ant		
Colurella			CLADOCERA		
Conochilus	10	100	Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia	7	70	Daphnia lg.		
Hexarthra	2	20	Daphnia sml.		
Keratella	2	20	Diaphanosoma		
Lecane	5	50	Macrothrix		
Platyias			Moina		
Polyarthra			Others		
Rotaria			CHIRONOMIDAE		
Synchaeta			NEMATODES		
Trichocerca					
Sub-total:	29	290	Sub-total:	63	630
Notes.			Total:	92	920

ZOOPLANKTON COUNTS.

Date counted: 24 Oct 190 Counted by: DU

Site: (MSt) MSo TBx MTw

Sampling station: Pool 15

Date sampled: 23 Mar 190

Sieve size: 63um

Volume of concentrated preserved sample: (10) 20 25 50 100 ml

Volume of sub-sample: 1 ml. % of sample 10%

ROTIFERA			OTHER TAXA		
	Sub-sample count	Total in sample		Sub-sample count	Total in sample
Asplanchna			COPEPODA		
Brachionus			Nauplii	196	1960
Cephalodella			Ad. long ant.	41	410
Collotheca			Ad short ant		
Colurella			CLADOCERA		
Conochilus			Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia	15	150	Daphnia lg.		
Hexarthra	3	30	Daphnia sm.		
Keratella			Diaphanosoma		
Lecane			Macrothrix		
Platyias			Moina		
Polyarthra			Others		
Rotaria			CHIRONOMIDAE		
Synchaeta			NEMATODES		
Trichocerca					
Sub-total:	18	180	Sub-total:	237	2370
Notes.			Total:	255	2550

ZOOPLANKTON COUNTS.

Date counted: 24 Oct 190 Counted by: DK

Site: (MSt) MSo TBx MTw

Sampling station: Pool 17

Date sampled: 23 Mar 190

Sieve size: 63um

Volume of concentrated preserved sample: (10) 20 25 50 100 ml

Volume of sub-sample: 1 ml. % of sample 10%

ROTIFERA			OTHER TAXA		
	Sub-sample count	Total in sample		Sub-sample count	Total in sample
Asplanchna	3	30	COPEPODA		
Brachionus	2	20	Nauplii	97	970
Cephalodella			Ad. long ant.	24	240
Collotheca			Ad short ant	1	10
Colurella			CLADOCERA		
Conochilus			Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia	19	190	Daphnia lg.		
Hexarthra			Daphnia sml.		
Keratella	9	90	Diaphanosoma		
Lecane			Macrothrix		
Platyias			Moina	4	40
Polyarthra			Others		
Rotaria			CHIRONOMIDAE		
Synchaeta			NEMATODES		
Trichocerca					
Sub-total:	33	330	Sub-total:	126	1260
Notes.			Total:	159	1590

ZOOPLANKTON COUNTS.

Date counted: 24 Oct 190 Counted by: DK

Site: (MSt) MSo TBx MTw

Sampling station: Pool 23

Date sampled: 23 Mar 190

Sieve size: 63um

Volume of concentrated preserved sample: 10 20 (25) 50 100 ml

Volume of sub-sample: 1 ml. % of sample 4%

ROTIFERA			OTHER TAXA		
	sub-sample count	Total in sample		sub-sample count	Total in sample
Asplanchna			COPEPODA		
Brachionus	1	25	Nauplii	80	2000
Cephalodella			Ad. long ant.	31	775
Collotheca			Ad short ant	3	75
Colurella			CLADOCERA		
Conochilus			Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia	23	575	Daphnia lg.		
Hexarthra	6	150	Daphnia sml.		
Keratella	21	525	Diaphanosoma		
Lecane	5	125	Macrothrix		
Platylas			Moina		
Polyarthra			Others		
Rotaria			CHIRONOMIDAE		
Synchaeta			NEMATODES		
Trichocerca					
Sub-total:	56	1400	Sub-total:	114	2850
Notes.			Total:	170	4250

DATE 3

MTw

ROTIFERA

Brachionus

Filinia

Hexarthra

Keratella

Lecane

Polyarthra

Rotaria

CLADOCERA

Daphnia (large)

Daphnia (small)

Moina

ZOOPLANKTON COUNTS.

 Date counted: 24 Oct 190 Counted by: DM

 Site: MSt MSo TBx MTw

 Sampling station: Pool 25

 Date sampled: 21 / Mar / 90

 Sieve size: 63um

 Volume of concentrated preserved sample: 10 20 25 50 100 ml

 Volume of sub-sample: 1 ml. % of sample 4%

ROTIFERA			OTHER TAXA		
	Sub-sample count	Total in sample		Sub-sample count	Total in sample
Asplanchna			COPEPODA		
Brachionus	<u>65</u>	<u>1625</u>	Nauplii	<u>21</u>	<u>525</u>
Cephalodella			Ad. long ant.	<u>1</u>	<u>25</u>
Collotheca			Ad short ant	<u>12</u>	<u>300</u>
Colurella			CLADOCERA		
Conochilus			Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia	<u>19</u>	<u>479</u>	Daphnia lg.		
Hexarthra	<u>1</u>	<u>25</u>	Daphnia sml.		
Keratella	<u>19</u>	<u>475</u>	Diaphanosoma		
Lecane	<u>3</u>	<u>75</u>	Macrothrix		
Platylas			Moina	<u>54</u>	<u>1350</u>
Polyarthra			Others	<u>1</u>	<u>25</u>
Rotaria	<u>1</u>	<u>25</u>	CHIRONOMIDAE		
Synchaeta			NEMATODES		
Trichocerca					
Sub-total:	<u>108</u>	<u>2700</u>	Sub-total:	<u>89</u>	<u>2225</u>
Notes.			Total:	<u>197</u>	<u>4925</u>

ZOOPLANKTON COUNTS.

Date counted: 24 Oct 190 Counted by: DK

Site: MSt MSo TBx

MTw

Sampling station: Pool 31

Date sampled: 21 Mar 190

Sieve size: 63um

Volume of concentrated preserved sample: 10 20 25 50 100 ml

Volume of sub-sample: 1 ml. % of sample 4%

ROTIFERA			OTHER TAXA		
	Sub-sample count	Total in sample		Sub-sample count	Total in sample
Asplanchna			COPEPODA		
Brachionus	5	125	Nauplii	54	1350
Cephalodella			Ad. long ant.	31	775
Collotheca			Ad short ant	2	50
Colurella			CLADOCERA		
Conochilus			Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia	9	225	Daphnia lg.	2	50
Hexarthra	10	250	Daphnia sml.	17	325
Keratella	16	400	Diaphanosoma		
Lecane			Macrothrix		
Platyias			Moina		
Polyarthra			Others		
Rotaria			CHIRONOMIDAE		
Synchaeta			NEMATODES		
Trichocerca					
Sub-total:	40	1000	Sub-total:	102	2550
Notes.			Total:	142	3550

ZOOPLANKTON COUNTS.

Date counted: 24 Oct 190 Counted by: DU

Site: MSt MSo TBx MTW

Sampling station: Pool 32

Date sampled: 21 Mar 190

Sieve size: 63um

Volume of concentrated preserved sample: 10 20 25 50 100 ml

Volume of sub-sample: 1 ml. % of sample 2%

ROTIFERA			OTHER TAXA		
	sub-sample count	Total in sample		sub-sample count	Total in sample
Asplanchna			COPEPODA		
Brachionus	649	32450	Nauplii	38	1900
Cephalodella			Ad. long ant.	7	350
Collotheca			Ad short ant	112	5600
Colurella			CLADOCERA		
Conochilus			Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia	57	2850	Daphnia lg.		
Hexarthra			Daphnia sml.		
Keratella			Diaphanosoma		
Lecane			Macrothrix		
Platytas			Moina	1	50
Polyarthra	6	300	Others		
Rotaria			CHIRONOMIDAE		
Synchaeta			NEMATODES		
Trichocerca			Hydra	1	50
Sub-total:	712	35600	Sub-total:	159	7950
Notes.			Total:	871	43550

ZOOPLANKTON COUNTS.

Date counted: 22 Oct 190 Counted by: DU

Site: MSt MSo TBx

MTw

Sampling station: Pool 34

Date sampled: 21 Mar 190

Sieve size: 63um

Volume of concentrated preserved sample: 10 20 25 50 100 ml

Volume of sub-sample: 1 ml. % of sample 10%

ROTIFERA			OTHER TAXA		
	Sub-sample count	Total in sample		Sub-sample count	Total in sample
Asplanchna			COPEPODA		
Brachionus	1	10	Nauplii	194	1940
Cephalodella			Ad. long ant.	250	2500
Collotheca			Ad short ant	9	90
Colurella			CLADOCERA		
Conochilus			Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia	1	10	Daphnia lg.		
Hexarthra			Daphnia sm.		
Keratella	11	110	Diaphanosoma		
Lecane			Macrothrix		
Platyias			Moina	7	70
Polyarthra			Others		
Rotaria			CHIRONOMIDAE	5	50
Synchaeta			NEMATODES		
Trichocerca			Concid nymph	2	20
Sub-total:	13	130	Sub-total:	467	4670
Notes.			Total:	480	4800

ZOOPLANKTON COUNTS.

Date counted: 22 / Oct / 90 Counted by: DK

Site: MSt MSo TBx (MTw)

Sampling station: Pool 35

Date sampled: 21 / Mar / 90

Sieve size: 63um

Volume of concentrated preserved sample: 10 20 (25) 50 100 ml

Volume of sub-sample: 1 ml. % of sample 4%

ROTIFERA			OTHER TAXA		
	Sub-sample count	Total in sample		Sub-sample count	Total in sample
Asplanchna			COPEPODA		
Brachionus	1	25	Nauplii	60	1500
Cephalodella			Ad. long ant.	90	2250
Collotheca			Ad short ant	2	
Colurella			CLADOCERA		
Conochilus			Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia	2	50	Daphnia lg.	4	100
Hexarthra			Daphnia sml.	43	1075
Keratella	10	250	Diaphanosoma		
Lecane	1	25	Macrothrix		
Platyias			Moina	10	250
Polyarthra			Others		
Rotaria			CHIRONOMIDAE		
Synchaeta			NEMATODES		
Trichocerca					
Sub-total:	14	350	Sub-total:	209	5225
Notes.			Total:	223	5575

ZOOPLANKTON COUNTS.

Date counted: 22/Oct/90 Counted by: DU

Site: MSt MSo TEx

(MTW)

Sampling station: Pool 36

Date sampled: 21 / Mar / 90

Sieve size: 63um

Volume of concentrated preserved sample: (10) 20 25 50 100 ml

Volume of sub-sample: 1 ml. % of sample 10%

ROTIFERA			OTHER TAXA		
	sub-sample count	Total in sample		sub-sample count	Total in sample
Asplanchna			COPEPODA		
Brachionus	1	10	Nauplii	106	1060
Cephalodella			Ad. long ant.	40	400
Collotheca			Ad short ant	7	70
Colurella			CLADOCERA		
Conochilus			Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia			Daphnia lg.	5	50
Hexarthra			Daphnia sml.	59	590
Keratella	3	30	Diaphanosoma		
Lecane			Macrothrix		
Platyias			Moina		
Polyarthra			Others	1	10
Rotaria			CHIRONOMIDAE	1	10
Synchaeta			NEMATODES		
Trichocerca					
Sub-total:	4	40	Sub-total:	219	2190
Notes.			Total:	223	2230

(Single water boatman present in whole sample.)

ZOOPLANKTON COUNTS.

Date counted: 22/Oct/90 Counted by: DK

Site: MSt MSo TBx

(MTw)

Sampling station: Pool 41

Date sampled: 21 / Mar / 90

Sieve size: 63um

Volume of concentrated preserved sample: (10) 20 25 50 100 ml

Volume of sub-sample: 1 ml. % of sample 10%

ROTIFERA			OTHER TAXA		
	sub-sample count	Total in sample		sub-sample count	Total in sample
Asplanchna			COPEPODA		
Brachionus	2	20	Nauplii	221	2210
Cephalodella			Ad. long ant.	70	700
Collotheca			Ad short ant	5	50
Colurella			CLADOCERA		
Conochilus			Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia			Daphnia lg.	24	240
Hexarthra			Daphnia sml.	50	500
Keratella	8	80	Diaphanosoma		
Lecane	2	20	Macrothrix		
Platyias			Moina	12	120
Polyarthra			Others v. small.	6	60
Rotaria			CHIRONOMIDAE		
Synchaeta			NEMATODES		
Trichocerca					
Sub-total:	12	120	Sub-total:	388	3880
Notes.			Total:	400	4000

ZOOPLANKTON COUNTS.

Date counted: 22 Oct/90 Counted by: DA

Site: MSt MSo TBx

(MTw)

Sampling station: Pool 43

Date sampled: 21 Mar/90

Sieve size: 63um

Volume of concentrated preserved sample: 10 20 25 (50) 100 ml

Volume of sub-sample: 1 ml. % of sample 2%

ROTIFERA			OTHER TAXA		
	sub-sample count	Total in sample		sub-sample count	Total in sample
Asplanchna			COPEPODA		
Brachionus	18	900	Nauplii	25	1250
Cephalodella			Ad. long ant.		
Collotheca			Ad short ant		
Colurella			CLADOCERA		
Conochilus			Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia			Daphnia lg.		
Hexarthra	15	750	Daphnia sml.		
Keratella	3	150	Diaphanosoma		
Lecane			Macrothrix		
Platylas			Moina		
Polyarthra	113	5650	Others		
Rotaria			CHIRONOMIDAE		
Synchaeta			NEMATODES		
Trichocerca			Ostracod	1	50
Sub-total:	149	7450	Sub-total:	26	1300
Notes.			Total:	175	8750

ZOOPLANKTON COUNTS.

Date counted: 22 Oct 190 Counted by: DK

Site: MSt MSo TBx

(MTw)

Sampling station: TWR 8

Date sampled: 21 Mar 190

Sieve size: 63um

Volume of concentrated preserved sample: (10) 20 25 50 100 ml

Volume of sub-sample: 1 ml. % of sample 10%

ROTIFERA			OTHER TAXA		
	sub-sample count	Total in sample		sub-sample count	Total in sample
Asplanchna			COPEPODA		
Brachionus	4	40	Nauplii	168	1680
Cephalodella			Ad. long ant.	154	1540
Collotheca			Ad short ant	21	210
Colurella			CLADOCERA		
Conochilus			Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia	2	20	Daphnia lg.	7	70
Hexarthra	6	60	Daphnia sm.	14	140
Keratella	125	1250	Diaphanosoma		
Lecane	3	30	Macrothrix		
Platytas			Moina	12	120
Polyarthra			Others [✓] small	11	110
Rotaria			CHIRONOMIDAE	1	10
Synchaeta			NEMATODES		
Trichocerca					
Sub-total:	140	1400	Sub-total:	384	3880
Notes.			Total:	528	5280

DATE 3

MCK/CCK

ROTIFERA

Asplanchna

Brachionus

Cephalodella

Conochilus

Filinia

Hexarthra

Keratella

Lecane

Polyarthra

Synchaeta

Others

CLADOCERA

Ceriodaphnia

Diaphanosoma

Moina

ZOOPLANKTON COUNTS.

Date counted: 18/04/90 Counted by: DM

Site: MSt MSo TBx MTw

Sampling station: MCK 1 (MSL)

Date sampled: 20 Mar 190

Sieve size: 63um

Volume of concentrated preserved sample: 10 20 (25) 50 100 ml

Volume of sub-sample: 1 ml. % of sample 4%

ROTIFERA			OTHER TAXA		
	sub-sample count	Total in sample		sub-sample count	Total in sample
Asplanchna	38	950	COPEPODA		
Brachionus	100	2500	Nauplii	111	2775
Cephalodella			Ad. long ant.		
Collotheca			Ad short ant	7	175
Colurella			CLADOCERA		
Conochilus			Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia	44	1100	Daphnia lg.		
Hexarthra	3	75	Daphnia sml.		
Keratella	2	50	Diaphanosoma		
Lecane	4	1000	Macrothrix		
Platytas			Moina		
Polyarthra	25	625	Others		
Rotaria			CHIRONOMIDAE		
Synchaeta	8	200	NEMATODES		
Trichocerca					
Sub-total:	224	5600	Sub-total:	118	2950
Notes.			Total:	342	8550

ZOOPLANKTON COUNTS.

Date counted: 18/Oct/90 Counted by: DU

Site: MSt MSo TBx MTw

Sampling station: CCK 1 (MSo)

Date sampled: 20/Nov/90

Sieve size: 63um

Volume of concentrated preserved sample: (10) 20 25 50 100 ml

Volume of sub-sample: 1 ml. % of sample 10%

ROTIFERA			OTHER TAXA		
	sub-sample count	Total in sample		sub-sample count	Total in sample
Asplanchna	2	20	COPEPODA		
Brachionus	92	920	Nauplii	40	400
Cephalodella			Ad. long ant.		
Collotheca			Ad short ant	2	20
Colurella			CLADOCERA		
Conochilus			Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia	15	150	Daphnia lg.		
Hexarthra			Daphnia sml.		
Keratella			Diaphanosoma		
Lecane	9	90	Macrothrix		
Platyias			Moina	1	10
Polyarthra	5	50	Others V. small.	2	20
Rotaria			CHIRONOMIDAE		
Synchaeta	5	50	NEMATODES		
Trichocerca					
Others	4	40			
Sub-total:	132	1320	Sub-total:	45	450
Notes.			Total:	177	1770

ZOOPLANKTON COUNTS.

Date counted: 18 Oct 190 Counted by: DL

Site: MSt MSo TBx MTw

Sampling station: CCK 2 (MSo Inlet)

Date sampled: 20 Mar 190

Sieve size: 63um

Volume of concentrated preserved sample: 10 20 (25) 50 100 ml

Volume of sub-sample: 1 ml. % of sample 4%

ROTIFERA			OTHER TAXA		
	sub-sample count	Total in sample		sub-sample count	Total in sample
Asplanchna	6	150	COPEPODA		
Brachionus	46	1150	Nauplii	68	1700
Cephalodella			Ad. long ant.		
Collotheca			Ad short ant	6	150
Colurella			CLADOCERA		
Conochilus			Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia	27	675	Daphnia lg.		
Hexarthra			Daphnia sml.		
Keratella			Diaphanosoma	1	25
Lecane	1	25	Macrothrix		
Platyias			Moina	3	75
Polyarthra	22	550	Others ^{small}	2	50
Rotaria			CHIRONOMIDAE		
Synchaeta	2	50	NEMATODES		
Trichocerca					
Sub-total:	104	2600	Sub-total:	80	2000
Notes.			Total:	184	4600

ZOOPLANKTON COUNTS.

Date counted: 18/04/90 Counted by: DL

Site: MSt MSo TBx MTw

Sampling station: CCK 3 (MSt inlet)

Date sampled: 20/1/1990

Sieve size: 63um

Volume of concentrated preserved sample: 10 20 25 (50) 100 ml

Volume of sub-sample: 1 ml. % of sample 2%

ROTIFERA			OTHER TAXA		
	sub-sample count	Total in sample		sub-sample count	Total in sample
Asplanchna	8	400	COPEPODA		
Brachionus	84	4200	Nauplii	40	2000
Cephalodella	? 1	50	Ad. long ant.		
Collotheca			Ad short ant		
Colurella			CLADOCERA		
Conochilus			Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia	134	6700	Daphnia lg.		
Hexarthra			Daphnia sml.		
Keratella			Diaphanosoma		
Lecane	1	50	Macrothrix		
Platyias			Moina		
Polyarthra	35	1750	Others ^{very small} cladans?	3	150
Rotaria			CHIRONOMIDAE		
Synchaeta	5	250	NEMATODES		
Trichocerca					
Sub-total:	268	13400	Sub-total:	43	2150
Notes.			Total:	311	15550

ZOOPLANKTON COUNTS.

Date counted: 18/Oct/90 Counted by: DK

Site: MSt MSo TBx MTw

Sampling station: CCK 4 (MSC-BBQ area)

Date sampled: 20 Mar 190

Sieve size: 63um

Volume of concentrated preserved sample: (10) 20 25 50 100 ml

Volume of sub-sample: 1 ml. % of sample 10%

ROTIFERA			OTHER TAXA		
	sub-sample count	Total in sample		sub-sample count	Total in sample
Asplanchna	1	10	COPEPODA		
Brachionus	78	780	Nauplii	72	720
Cephalodella			Ad. long ant.		
Collotheca			Ad short ant	8	80
Colurella			CLADOCERA		
Conochilus			Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia	4	40
Filinia	15	150	Daphnia lg.		
Hexarthra			Daphnia sml.		
Keratella			Diaphanosoma	13	130
Lecane			Macrothrix		
Platytas			Moina	17	170
Polyarthra	5	50	Others (small)	4	40
Rotaria			CHIRONOMIDAE		
Synchaeta	4	40	NEMATODES		
Trichocerca					
Sub-total:	103	1030	Sub-total:	118	1180
Notes.			Total:	221	2210

ZOOPLANKTON COUNTS.

Date counted: 18/04/90 Counted by: DA.

Site: MSt MSo TBx MTw

Sampling station: CCK 5 (MTw Blow out)

Date sampled: 20/12/190

Sieve size: 63um

Volume of concentrated preserved sample: (10) 20 25 50 100 ml

Volume of sub-sample: 1 ml. % of sample 10%

ROTIFERA			OTHER TAXA		
	sub-sample count	Total in sample		sub-sample count	Total in sample
Asplanchna	4	40	COPEPODA		
Brachionus	180	1800	Nauplii	53	530
Cephalodella			Ad. long ant.		
Collotheca			Ad short ant		
Colurella			CLADOCERA		
Conochilus			Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia	69	690	Daphnia lg.		
Hexarthra	1	10	Daphnia sm.		
Keratella			Diaphanosoma	1	10
Lecane	8	80	Macrothrix		
Platyias			Moina	6	60
Polyarthra	45	450	Others		
Rotaria			CHIRONOMIDAE		
Synchaeta			NEMATODES		
Trichocerca					
others	3	30			
Sub-total:	310	3100	Sub-total:	60	600
Notes.			Total:	370	3700

ZOOPLANKTON COUNTS.

Date counted: 18 Oct 190 Counted by: DL

Site: MSt MSo TBx MTw

Sampling station: CCK 6 (TBx)

Date sampled: 19 Mar 190

Sieve size: 63um

Volume of concentrated preserved sample: 10 20 25 50 (100) ml

Volume of sub-sample: 1 ml. % of sample 1%

ROTIFERA			OTHER TAXA		
	sub-sample count	Total in sample		sub-sample count	Total in sample
Asplanchna	8	800	COPEPODA		
Brachionus	83	8300	Nauplii	23	2700
Cephalodella			Ad. long ant.	1	100
Collotheca			Ad short ant	8	800
Colurella			CLADOCERA		
Conochilus	4	400	Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia	32	3200	Daphnia lg.		
Hexarthra	3	300	Daphnia sm.		
Keratella			Diaphanosoma		
Lecane	2	200	Macrothrix		
Platyias			Moina	8	800
Polyarthra	25	2500	Others	* 3	300
Rotaria			CHIRONOMIDAE		
Synchaeta			NEMATODES		
Trichocerca					
Sub-total:	157	15700	Sub-total:	43	4300
			Total:	200	20000

Notes.

* (2 very small
1 Diaphanosoma?)

ZOOPLANKTON COUNTS.

Date counted: 17 Oct 190 Counted by: DU

Site: MSt MSo TBx MTw

Sampling station: CCK 7 (TBx inlet)

Date sampled: 19 Mar 190

Sieve size: 63um

Volume of concentrated preserved sample: 10 20 25 (50) 100 ml

Volume of sub-sample: 1 ml. % of sample 2%

ROTIFERA			OTHER TAXA		
	sub-sample count	Total in sample		sub-sample count	Total in sample
Asplanchna	9	450	COPEPODA		
Brachionus	89	4450	Nauplii	69	3450
Cephalodella			Ad. long ant.	4	200
Collotheca			Ad short ant	18	900
Colurella			CLADOCERA		
Conochilus ?	4	200	Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia	150	750	Daphnia lg.		
Hexarthra	99	4950	Daphnia sm.		
Keratella			Diaphanosoma	1	50
Lecane			Macrothrix		
Platyias			Moina	21	1050
Polyarthra	110	5500	Others v. small	4	200
Rotaria			CHIRONOMIDAE		
Synchaeta	14	700	NEMATODES		
Trichocerca					
Sub-total:	475	23750	Sub-total:	117	5850
Notes.			Total:	592	29600

BIOLOGICAL - ZOOPLANKTON; Date 4

16-May-90	BIO	ZP	MSo	Pool 1	-
16-May-90	BIO	ZP	MSo	Pool 5	-
16-May-90	BIO	ZP	MSo	Pool 6	-
16-May-90	BIO	ZP	MSo	Pool 7	-
16-May-90	BIO	ZP	MSo	Pool 9	-
16-May-90	BIO	ZP	MSo	Pool 10	-
16-May-90	BIO	ZP	MSo	Pool 13	-
16-May-90	BIO	ZP	MSo	Pool 16	-
16-May-90	BIO	ZP	MSo	Pool 17	-
16-May-90	BIO	ZP	MSo	Pool 18	-
16-May-90	BIO	ZP	MSo	TWR 6	-
14-May-90	BIO	ZP	TBx	Pool 1	-
14-May-90	BIO	ZP	TBx	Pool 2	-
14-May-90	BIO	ZP	TBx	Pool 5	-
14-May-90	BIO	ZP	TBx	Pool 6	-
14-May-90	BIO	ZP	TBx	Pool 8	-
14-May-90	BIO	ZP	TBx	Pool 9	-
14-May-90	BIO	ZP	TBx	Pool 10	-
14-May-90	BIO	ZP	TBx	Pool 12	-
14-May-90	BIO	ZP	TBx	Pool 13	-
14-May-90	BIO	ZP	TBx	TWR 4	-
14-May-90	BIO	ZP	TBx	TWR 5	-
14-May-90	BIO	ZP	TBx	CH MF 1	-
15-May-90	BIO	ZP	MSt	Pool 1	-
15-May-90	BIO	ZP	MSt	Pool 3	-
15-May-90	BIO	ZP	MSt	Pool 10	-
15-May-90	BIO	ZP	MSt	Pool 12	-
15-May-90	BIO	ZP	MSt	Pool 15	-
15-May-90	BIO	ZP	MSt	Pool 23	-
15-May-90	BIO	ZP	MTw	Pool 25	-
15-May-90	BIO	ZP	MTw	Pool 31	-
15-May-90	BIO	ZP	MTw	Pool 32	-
15-May-90	BIO	ZP	MTw	Pool 34	-
15-May-90	BIO	ZP	MTw	Pool 35	-
15-May-90	BIO	ZP	MTw	Pool 36	-
15-May-90	BIO	ZP	MTw	Pool 43	-
15-May-90	BIO	ZP	MTw	TWR 8	-
15-May-90	BIO	ZP	MTw	TWR 10	-
15-May-90	BIO	ZP	-	MCK 1	-
15-May-90	BIO	ZP	-	CCK 1	-
15-May-90	BIO	ZP	-	CCK 2	-
15-May-90	BIO	ZP	-	CCK 3	-
15-May-90	BIO	ZP	-	CCK 4	-
14-May-90	BIO	ZP	TBx	CCK 6	-
14-May-90	BIO	ZP	TBx	CCK 7	-

DATE 4

MSo

ROTIFERA

Asplanchna

Brachionus

Filinia

Keratella

Lecane

Polyarthra

Others

CLADOCERA

Ceriodaphnia

Daphnia (large)

Daphnia (small)

Moina

ZOOPLANKTON COUNTS.Date counted: 1 Oct 190 Counted by: DKSite: MST (MSo) TBx MTwSampling station: Pool 1Date sampled: 16 May 190Sieve size: 63umVolume of concentrated preserved sample: 10 20 25 50 (100) mlVolume of sub-sample: 1 ml. % of sample 1%

ROTIFERA			OTHER TAXA		
	Sub-sample count	Total in sample		Sub-sample count	Total in sample
Asplanchna	12	1200	COPEPODA		
Brachionus	18	1800	Nauplii	22	2200
Cephalodella			Ad. long ant.	5	500
Collotheca			Ad short ant		
Colurella			CLADOCERA		
Conochilus			Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia	205	20500	Daphnia lg.		
Hexarthra			Daphnia sml.		
Keratella	29	2900	Diaphanosoma		
Lecane			Macrothrix		
Platylas			Moina		
Polyarthra	40	4000	Others		
Rotaria			CHIRONOMIDAE		
Synchaeta			NEMATODES		
Trichocerca					
Others	5	500			
Sub-total:	309	30900	Sub-total:	27	2700
Notes.			Total:	336	33600

ZOOPLANKTON COUNTS.

Date counted: / / Counted by: *du*

Site: MSt (MSO) TBx MTw

Sampling station: *Pool 5*

Date sampled: / /

Sieve size: 63um

Volume of concentrated preserved sample: 10 20 25 50 100 ml

Volume of sub-sample: 1 ml. % of sample

ROTIFERA			OTHER TAXA		
	Sub-sample count	Total in sample		Sub-sample count	Total in sample
Asplanchna			COPEPODA		
Brachionus			Nauplii		
Cephalodella			Ad. long ant.		
Collotheca			Ad short ant		
Colurella			CLADOCERA		
Conochilus			Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia			Daphnia lg.		
Hexarthra			Daphnia sml.		
Keratella			Diaphanosoma		
Lecane			Macrothrix		
Platytias			Moina		
Polyarthra			Others		
Rotaria			CHIRONOMIDAE		
Synchaeta			NEMATODES		
Trichocerca					
Sub-total:			Sub-total:		
Notes.			Total:		

No Sample

ZOOPLANKTON COUNTS.

Date counted: 1 Oct 190 Counted by: DK

Site: MSt (MSO) TBx MTw

Sampling station: Pool 6

Date sampled: 16 May 190

Sieve size: 63um

Volume of concentrated preserved sample: 10 20 25 50 (100) ml

Volume of sub-sample: 1 ml. % of sample 1%

ROTIFERA			OTHER TAXA		
	Sub-sample count	Total in sample		Sub-sample count	Total in sample
Asplanchna	53	5300	COPEPODA		
Brachionus	1	100	Nauplii	24	2400
Cephalodella			Ad. long ant.	7	700
Collotheca			Ad short ant		
Colurella			CLADOCERA		
Conochilus			Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia	3	300	Daphnia lg.		
Hexarthra			Daphnia sml.		
Keratella	2	200	Diaphanosoma		
Lecane			Macrothrix		
Platytas			Moina	3	300
Polyarthra	23	2300	Others		
Rotaria			CHIRONOMIDAE		
Synchaeta			NEMATODES		
Trichocerca					
Sub-total:	82	8200	Sub-total:	34	3400
Notes.			Total:	116	11600

ZOOPLANKTON COUNTS.

Date counted: 1 Oct 190 Counted by: du

Site: MSt (MSO) TBx MTw

Sampling station: Pool 7

Date sampled: 16 May 190

Sieve size: 63um

Volume of concentrated preserved sample: (10) 20 25 50 100 ml

Volume of sub-sample: 1 ml. % of sample 10%

ROTIFERA			OTHER TAXA		
	Sub-sample count	Total in sample		Sub-sample count	Total in sample
Asplanchna	7	70	COPEPODA		
Brachionus	22	220	Nauplii	113	1130
Cephalodella			Ad. long ant.	7	70
Collotheca			Ad short ant		
Colurella			CLADOCERA		
Conochilus			Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia	4	40	Daphnia lg.		
Hexarthra			Daphnia sml.		
Keratella	31	310	Diaphanosoma		
Lecane			Macrothrix		
Platyias			Moina	4	40
Polyarthra	2	20	Others		
Rotaria			CHIRONOMIDAE		
Synchaeta			NEMATODES		
Trichocerca					
Sub-total:	66	660	Sub-total:	124	1240
Notes.			Total:	190	1900

ZOOPLANKTON COUNTS.

Date counted: 1 Oct 190 Counted by: DU

Site: MSt (MSc) TBx MTw

Sampling station: Pod 9

Date sampled: 16 May 190

Sieve size: 63um

Volume of concentrated preserved sample: 10 20 (25) 50 100 ml

Volume of sub-sample: 1 ml. % of sample 4%

ROTIFERA			OTHER TAXA		
	Sub-sample count	Total in sample		Sub-sample count	Total in sample
Asplanchna			COPEPODA		
Brachionus			Nauplii	45	1125
Cephalodella			Ad. long ant.	56	1400
Collotheca			Ad short ant		
Colurella			CLADOCERA		
Conochilus			Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia *	1	25
Filinia			Daphnia lg.		
Hexarthra			Daphnia sml.		
Keratella	1	25	Diaphanosoma		
Lecane			Macrothrix		
Platytas			Moina		
Polyarthra			Others		
Rotaria			CHIRONOMIDAE		
Synchaeta			NEMATODES		
Trichocerca			Hydra	1	25
Sub-total:	1	25	Sub-total:	103	2575
Notes.			Total:	104	2600

* Ceriodaphnia cornuta

ZOOPLANKTON COUNTS.

Date counted: 1/10/90 Counted by: DLU

Site: MSt (MSO) TBx MTw

Sampling station: Pool 10

Date sampled: 16/1/90

Sieve size: 63um

Volume of concentrated preserved sample: (10) 20 25 50 100 ml

Volume of sub-sample: 1 ml. % of sample 10%

ROTIFERA			OTHER TAXA		
	Sub-sample count	Total in sample		Sub-sample count	Total in sample
Asplanchna	3	30	COPEPODA		
Brachionus	4	40	Nauplii	176	1760
Cephalodella			Ad. long ant.	151	1510
Collotheca			Ad short ant		
Colurella			CLADOCERA		
Conochilus			Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia	* 3	30
Filinia	3	30	Daphnia lg.		
Hexarthra			Daphnia sml.	** 2	20
Keratella	50	500	Diaphanosoma		
Lecane	1	10	Macrothrix		
Platyias			Moina	28	280
Polyarthra			Others		
Rotaria			CHIRONOMIDAE	12	120
Synchaeta			NEMATODES		
Trichocerca					
Sub-total:	61	610	Sub-total:	372	3720
			Total:	433	4330

Notes.

* Ceriodaphnia cornuta

** Daphnia lumholzi

ZOOPLANKTON COUNTS.

Date counted: 1 Oct 190 Counted by: DU

Site: MSt (MSO) TBx MTw

Sampling station: Pool 13

Date sampled: 16 May 190

Sieve size: 63um

Volume of concentrated preserved sample: 10 20 25 50 (100) ml

Volume of sub-sample: 1 ml. % of sample 1%

ROTIFERA			OTHER TAXA		
	Sub-sample count	Total in sample		Sub-sample count	Total in sample
Asplanchna	52	5200	COPEPODA		
Brachionus	7	700	Nauplii	6	600
Cephalodella			Ad. long ant.	1	100
Collotheca			Ad short ant		
Colurella			CLADOCERA		
Conochilus			Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia			Daphnia lg.		
Hexarthra	1	100	Daphnia sm1.		
Keratella	343	34300	Diaphanosoma		
Lecane			Macrothrix		
Platytias			Moina		
Polyarthra	61	6100	Others		
Rotaria			CHIRONOMIDAE		
Synchaeta			NEMATODES		
Trichocerca					
Sub-total:	464	46400	Sub-total:	7	700
Notes.			Total:	471	47100

ZOOPLANKTON COUNTS.

Date counted: 30 / July 190 Counted by: JMA/DU

Site: MSt (MSO) TBx MTw

Sampling station: Pool 16

Date sampled: 16 / May / 90

Sieve size: 63um

Volume of concentrated preserved sample: (10) 20 25 50 100 ml

Volume of sub-sample: 1 ml. % of sample 10%

ROTIFERA			OTHER TAXA		
	Sub-sample count	Total in sample		Sub-sample count	Total in sample
Asplanchna	44	440	COPEPODA Adm	4	40
Brachionus	6	60	Nauplii	8	80
Cephalodella			Ad. long ant.		
Collotheca			Ad short ant		
Colurella			CLADOCERA +	3	30
Conochilus			Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia	10	100	Daphnia lg.		
Hexarthra	1	10	Daphnia sml.		
Keratella	53	530	Diaphanosoma		
Lecane			Macrothrix		
Platyias			Moina		
Polyarthra	47	470	Others		
Rotaria			CHIRONOMIDAE	2	20
Synchaeta			NEMATODES	1	10
Trichocerca					
Others	71	710			
Sub-total:	232	2320	Sub-total:	18	180
Notes.			Total:	250	2500

9 Cladocera mounted for closer examination

8 = Moina

1 = Ceriodaphnia

ZOOPLANKTON COUNTS.

Date counted: 1 Oct/90 Counted by: DL

Site: MSt (MSO) TBx MTw

Sampling station: Pool 17

Date sampled: 16 May 190

Sieve size: 63um

Volume of concentrated preserved sample: (10) 20 25 50 100 ml

Volume of sub-sample: 1 ml. % of sample 10%

ROTIFERA			OTHER TAXA		
	sub-sample count	Total in sample		sub-sample count	Total in sample
Asplanchna	27	270	COPEPODA		
Brachionus	36	360	Nauplii	67	670
Cephalodella			Ad. long ant.	36	360
Collotheca			Ad short ant		
Colurella			CLADOCERA		
Conochilus			Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia	4	40
Filinia	88	880	Daphnia lg.		
Hexarthra			Daphnia sm.		
Keratella	28	280	Diaphanosoma		
Lecane			Macrothrix		
Platylas			Moina		
Polyarthra	33	330	Others		
Rotaria			CHIRONOMIDAE		
Synchaeta			NEMATODES		
Trichocerca					
Other (no larva)	238	2380			
Sub-total:	450	4500	Sub-total:	107	1070
Notes.			Total:	557	5570

ZOOPLANKTON COUNTS.

Date counted: 2 Oct 190 Counted by: DU

Site: MST (MSO) TBx MTw

Sampling station: Pool 18

Date sampled: 16 May 190

Sieve size: 63um

Volume of concentrated preserved sample: (10) 20 25 50 100 ml

Volume of sub-sample: 1 ml. % of sample 10%

ROTIFERA			OTHER TAXA		
	sub-sample count	Total in sample		sub-sample count	Total in sample
Asplanchna	12	120	COPEPODA		
Brachionus	5	50	Nauplii	21	210
Cephalodella			Ad. long ant.	2	20
Collotheca			Ad short ant		
Colurella			CLADOCERA		
Conochilus			Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia	2	20	Daphnia lg.		
Hexarthra			Daphnia sml.		
Keratella	2	20	Diaphanosoma		
Lecane			Macrothrix		
Platyias			Moina		
Polyarthra	24	240	Others ^{very small}	1	10
Rotaria			CHIRONOMIDAE	1	10
Synchaeta			NEMATODES		
Trichocerca					
Other no Loria	198	1980			
Sub-total:	243	2430	Sub-total:	25	250
Notes.			Total:	268	2680

ZOOPLANKTON COUNTS.

Date counted: 2 10/1/90 Counted by: DA

Site: MSt (MSO) TBx MTw

Sampling station: TWR 6

Date sampled: 16 / May / 90

Sieve size: 63um

Volume of concentrated preserved sample: 10 20 25 (50) 100 ml

Volume of sub-sample: 1 ml. % of sample 2%

ROTIFERA			OTHER TAXA		
	sub-sample count	Total in sample		sub-sample count	Total in sample
Asplanchna			COPEPODA		
Brachionus			Nauplii	1	50
Cephalodella			Ad. long ant.	100	5000
Collotheca			Ad short ant		
Colurella			CLADOCERA		
Conochilus			Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia			Daphnia lg.	5	250
Hexarthra			Daphnia sml.	6	300
Keratella	3	150	Diaphanosoma		
Lecane			Macrothrix		
Platyias			Moina		
Polyarthra			Others		
Rotaria			CHIRONOMIDAE		
Synchaeta			NEMATODES		
Trichocerca					
Other	2	100			
Sub-total:	5	250	Sub-total:	112	5600
Notes.			Total:	117	5850

DATE 4

TBx

ROTIFERA

Asplanchna

Brachionus

Conochilus

Filinia

Hexarthra

Keratella

Lecane

Polyarthra

Others

CLADOCERA

Ceriodaphnia

Daphnia (large)

Daphnia (small)

Diaphanosoma

Macrothrix

Moina

ZOOPLANKTON COUNTS.Date counted: 2 Oct 190 Counted by: DLSite: MSt MSo TBx MTwSampling station: Pool 1Date sampled: 14 May 190Sieve size: 63umVolume of concentrated preserved sample: (10) 20 25 50 100 mlVolume of sub-sample: 1 ml. % of sample 10%

ROTIFERA			OTHER TAXA		
	sub-sample count	Total in sample		sub-sample count	Total in sample
Asplanchna	105	1050	COPEPODA		
Brachionus	210	2100	Nauplii	6	60
Cephalodella			Ad. long ant.		
Collotheca			Ad short ant	2	20
Colurella			CLADOCERA		
Conochilus			Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia	7	70	Daphnia lg.		
Hexarthra			Daphnia sml.		
Keratella			Diaphanosoma		
Lecane	3	30	Macrothrix	1	10
Platyias			Moina	1	10
Polyarthra	53	530	Others		
Rotaria			CHIRONOMIDAE		
Synchaeta			NEMATODES		
Trichocerca					
Others without Lonic	350	350			
Sub-total:	728	7280	Sub-total:	10	100
Notes.			Total:	738	7380

ZOOPLANKTON COUNTS.

Date counted: 2 Oct 190 Counted by: DU

Site: MSt MSo (TBX) MTW

Sampling station: Pool 2

Date sampled: 14 May 190

Sieve size: 63um

Volume of concentrated preserved sample: 10 20 (25) 50 100 ml

Volume of sub-sample: 1 ml. % of sample 4%

ROTIFERA			OTHER TAXA		
	sub-sample count	Total in sample		sub-sample count	Total in sample
Asplanchna			COPEPODA		
Brachionus	5	125	Nauplii	101	2525
Cephalodella			Ad. long ant.	57	1425
Collotheca			Ad short ant		
Colurella			CLADOCERA		
Conochilus			Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia			Daphnia lg.	5	125
Hexarthra			Daphnia sml.	84	2100
Keratella	2	50	Diaphanosoma		
Lecane			Macrothrix		
Platyias			Moina	2	50
Polyarthra			Others		
Rotaria			CHIRONOMIDAE		
Synchaeta			NEMATODES		
Trichocerca					
Sub-total:	7	175	Sub-total:	249	6225
Notes.			Total:	256	6400

ZOOPLANKTON COUNTS.

Date counted: 2 Oct 190 Counted by: DL

Site: MSt MSo TEB MTw

Sampling station: Pool 5

Date sampled: 14 May 190

Sieve size: 63um

Volume of concentrated preserved sample: 10 20 25 50 100 ml

Volume of sub-sample: 1 ml. % of sample 10%

ROTIFERA			OTHER TAXA		
	sub-sample count	Total in sample		sub-sample count	Total in sample
Asplanchna	3	30	COPEPODA		
Brachionus	2	20	Nauplii	19	190
Cephalodella			Ad. long ant.	135	1350
Collotheca			Ad short ant		
Colurella			CLADOCERA		
Conochilus	9	90	Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia			Daphnia lg.	1	10
Hexarthra			Daphnia sm1.	2	20
Keratella	2	20	Diaphanosoma		
Lecane			Macrothrix		
Platyias			Moina		
Polyarthra			Others		
Rotaria			CHIRONOMIDAE		
Synchaeta			NEMATODES		
Trichocerca					
Sub-total:	16	160	Sub-total:	157	1570
Notes.				Total:	173
			1730		

Colony of rotifers present

ZOOPLANKTON COUNTS.

Date counted: 2 Oct 190 Counted by: DU

Site: MSt MSo TEK MTw

Sampling station: Pool 6

Date sampled: 14 May 190

Sieve size: 63um

Volume of concentrated preserved sample: (10) 20 25 50 100 ml

Volume of sub-sample: 1 ml. % of sample 10%

ROTIFERA			OTHER TAXA		
	sub-sample count	Total in sample		sub-sample count	Total in sample
Asplanchna	6	60	COPEPODA		
Brachionus	3	30	Nauplii	16	160
Cephalodella			Ad. long ant.	47	470
Collotheca			Ad short ant		
Colurella			CLADOCERA		
Conochilus			Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia	11	110
Filinia			Daphnia lg.		
Hexarthra			Daphnia sml.		
Keratella	2	20	Diaphanosoma		
Lecane	8	80	Macrothrix		
Platyias			Moina	41	410
Polyarthra	1	10	Others		
Rotaria			CHIRONOMIDAE		
Synchaeta			NEMATODES		
Trichocerca					
Sub-total:	20	20	Sub-total:	115	1150
Notes.			Total:	135	1350

ZOOPLANKTON COUNTS.

Date counted: 1 / Oct / 90 Counted by: DJL

Site: MSt MSo (TBx) MTW

Sampling station: Pool 8

Date sampled: 14 / May / 90

Sieve size: 63um

Volume of concentrated preserved sample: (10) 20 25 50 100 ml

Volume of sub-sample: 1 ml. % of sample 10%

ROTIFERA			OTHER TAXA		
	sub-sample count	Total in sample		sub-sample count	Total in sample
Asplanchna	117	1170	COPEPODA		
Brachionus	24	240	Nauplii		
Cephalodella			Ad. long ant.		
Collotheca			Ad short ant		
Colurella			CLADOCERA		
Conochilus			Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia	4	40	Daphnia lg.		
Hexarthra	289	2890	Daphnia sml.		
Keratella	2	20	Diaphanosoma		
Lecane			Macrothrix		
Platyias			Moina		
Polyarthra	130	1300	Others		
Rotaria			CHIRONOMIDAE		
Synchaeta			NEMATODES		
Trichocerca					
Others	27	270			
Sub-total:	593	5930	Sub-total:	-	-
Notes.			Total:	593	5930

ZOOPLANKTON COUNTS.Date counted: 2 Oct 190 Counted by: *du*Site: MSt MSo **(TBx)** MTWSampling station: *Pool 9*Date sampled: *14 May 190*

Sieve size: 63um

Volume of concentrated preserved sample: **(10)** 20 25 50 100 mlVolume of sub-sample: 1 ml. % of sample *10%*

ROTIFERA			OTHER TAXA		
	sub-sample count	Total in sample		sub-sample count	Total in sample
Asplanchna	1	10	COPEPODA		
Brachionus	2	20	Nauplii	4	40
Cephalodella			Ad. long ant.	79	790
Collotheca			Ad short ant		
Colurella			CLADOCERA		
Conochilus			Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia	1	10
Filinia			Daphnia lg.	22	220
Hexarthra			Daphnia sml.	32	320
Keratella	18	180	Diaphanosoma		
Lecane			Macrothrix		
Platytas			Moina		
Polyarthra	2	20	Others		
Rotaria			CHIRONOMIDAE		
Synchaeta			NEMATODES		
Trichocerca					
Sub-total:	23	230	Sub-total:	138	1380
Notes.			Total:	161	1610

ZOOPLANKTON COUNTS.

Date counted: 3 Oct/90 Counted by: DUL

Site: MSt MSo TBx MTW

Sampling station: Pool 10

Date sampled: 14 May/90

Sieve size: 63um

Volume of concentrated preserved sample: 10 20 25 50 100 ml

Volume of sub-sample: 1 ml. % of sample 2%

ROTIFERA			OTHER TAXA		
	sub-sample count	Total in sample		sub-sample count	Total in sample
Asplanchna	21	1050	COPEPODA		
Brachionus	Y	400	Nauplii	8	400
Cephalodella			Ad. long ant.	18	900
Collotheca			Ad short ant		
Colurella			CLADOCERA		
Conochilus			Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia			Daphnia lg.		
Hexarthra			Daphnia sml.		
Keratella			Diaphanosoma		
Lecane	25	1250	Macrothrix		
Platytias			Moina	8	400
Polyarthra	128	6400	Others		
Rotaria			CHIRONOMIDAE	3	150
Synchaeta			NEMATODES		
Trichocerca			Adult collanbols	1	50
			Adult fly	1	50
Sub-total:	182	9100	Sub-total:	39	1950
Notes.			Total:	221	11050

ZOOPLANKTON COUNTS.

Date counted: 3 Oct 190 Counted by: OA

Site: MSt MSo (TBx) MTw

Sampling station: Pool 12

Date sampled: 14 May 190

Sieve size: 63um

Volume of concentrated preserved sample: 10 20 25 (50) 100 ml

Volume of sub-sample: 1 ml. % of sample 2%

ROTIFERA			OTHER TAXA		
	sub-sample count	Total in sample		sub-sample count	Total in sample
Asplanchna	22	1100	COPEPODA		
Brachionus	97	4850	Nauplii	191	9550
Cephalodella			Ad. long ant.	58	2900
Collotheca			Ad short ant		
Colurella			CLADOCERA		
Conochilus			Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia	59	2950	Daphnia lg.		
Hexarthra			Daphnia sml.		
Keratella	41	2050	Diaphanosoma		
Lecane			Macrothrix		
Flatyias			Moina	1	50
Polyarthra	2	100	Others ^{small}	2	100
Rotaria			CHIRONOMIDAE		
Synchaeta			NEMATODES		
Trichocerca					
Sub-total:	221	11050	Sub-total:	252	12600
Notes.			Total:	473	23650

ZOOPLANKTON COUNTS.

Date counted: 3 Oct 190 Counted by: DK

Site: MSt MSo (TBX) MTW

Sampling station: Pool 13

Date sampled: 14 May 190

Sieve size: 63um

Volume of concentrated preserved sample: 10 20 25 (50) 100 ml

Volume of sub-sample: 1 ml. % of sample 2%

ROTIFERA			OTHER TAXA		
	sub-sample count	Total in sample		sub-sample count	Total in sample
Asplanchna			COPEPODA		
Brachionus	25	1250	Nauplii	7	350
Cephalodella			Ad. long ant.	3	150
Collotheca			Ad short ant		
Colurella			CLADOCERA		
Conochilus			Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia			Daphnia lg.		
Hexarthra *	423	21150	Daphnia sml.		
Keratella	1	50	Diaphanosoma		
Lecane			Macrothrix		
Platyias			Moina		
Polyarthra	31	1550	Others		
Rotaria			CHIRONOMIDAE		
Synchaeta			NEMATODES		
Trichocerca					
Other	5	250			
Sub-total:	485	24250	Sub-total:	10	500
Notes.			Total:	495	24750

* Many Hexarthra grouped in small clumps.

ZOOPLANKTON COUNTS.

Date counted: 27 July 190 Counted by: JHAB/DK

Site: MSt MSo TEK MTw

Sampling station: TWA 4

Date sampled: 14 May 190

Sieve size: 63um

Volume of concentrated preserved sample: 10 20 25 50 100 ml

Volume of sub-sample: 1 ml.

% of sample 10%

ROTIFERA			OTHER TAXA		
	sub-sample count	Total in sample		sub-sample count	Total in sample
Asplanchna	28	280	COPEPODA hulk	88	880
Brachionus	2	20	Nauplii	80	800
Cephalodella			Ad. long ant.		
Collotheca			Ad short ant		
Colurella			CLADOCERA *	21	210
Conochilus			Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia			Daphnia lg.		
Hexarthra			Daphnia sm.		
Keratella	9	90	Diaphanosoma		
Lecane			Macrothrix		
Platyias			Moina		
Polyarthra			Others		
Rotaria			CHIRONOMIDAE	1	10
Synchaeta			NEMATODES		
Trichocerca			Hydra	2	20
other	12	120			
Sub-total:	51	510	Sub-total:	192	1920
Notes.			Total:	243	2430

7 Cladocera mounted for further examination

3 Ceriodaphnia

2 Diaphanosoma

2 Daphnia

ZOOPLANKTON COUNTS.

Date counted: 3 104 190 Counted by: DC

Site: MSt MSo (TBx) MTw

Sampling station: TWR 5

Date sampled: 14 May 190

Sieve size: 63um

Volume of concentrated preserved sample: 10 20 25 (50) 100 ml

Volume of sub-sample: 1 ml. % of sample 2%

ROTIFERA			OTHER TAXA		
	Sub-sample count	Total in sample		Sub-sample count	Total in sample
Asplanchna	76	3800	COPEPODA		
Brachionus	222	11100	Nauplii		
Cephalodella			Ad. long ant.		
Collotheca			Ad short ant		
Colurella			CLADOCERA		
Conochilus			Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia	9	450	Daphnia lg.		
Hexarthra	2	100	Daphnia sml.		
Keratella			Diaphanosoma		
Lecane	3	150	Macrothrix		
Platytas			Moina		
Polyarthra	17	850	Others		
Rotaria			CHIRONOMIDAE		
Synchaeta			NEMATODES		
Trichocerca					
Sub-total:	329	16450	Sub-total:	-	-

Notes.

Total:

329

16450

ZOOPLANKTON COUNTS.

Date counted: 3 Oct 196 Counted by: DK

Site: MST MSO (TBx) MTw

Sampling station: CH MF1

Date sampled: 14 May 196

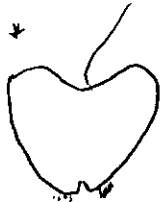
Sieve size: 63um

Volume of concentrated preserved sample: (10) 20 25 50 100 ml

Volume of sub-sample: 1 ml. % of sample 10%

ROTIFERA			OTHER TAXA		
	Sub-sample count	Total in sample		Sub-sample count	Total in sample
Asplanchna	2	20	COPEPODA		
Brachionus	2	20	Nauplii	95	950
Cephalodella			Ad. long ant.	45	450
Collotheca			Ad short ant		
Colurella			CLADOCERA		
Conochilus			Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia	1	10	Daphnia lg.		
Hexarthra			Daphnia sml.		
Keratella	1	10	Diaphanosoma		
Lecane			Macrothrix		
Platytias			Moina	17	170
Polyarthra	1	10	Others		
Rotaria			CHIRONOMIDAE		
Synchaeta			NEMATODES		
Trichocerca					
Other *	23	230			
Sub-total:	30	300	Sub-total:	157	1570
			Total:	187	1870

Notes.



DATE 4

MSt

ROTIFERA

Asplanchna

Brachionus

Euclaris

Filinia

Hexarthra

Keratella

Lecane

Polyarthra

Others

CLADOCERA

Alona

Ceriodaphnia

Chydorus

Daphnia (small)

Macrothrix

Moina

ZOOPLANKTON COUNTS.

Date counted: 3 104-190 Counted by: DK

Site: (MSt) MSo TBx MTw

Sampling station: Pod 1

Date sampled: 15/ May 190

Sieve size: 63um

Volume of concentrated preserved sample: 10 20 (25) 50 100 ml

Volume of sub-sample: 1 ml. % of sample 4%

ROTIFERA			OTHER TAXA		
	Sub-sample count	Total in sample		Sub-sample count	Total in sample
Asplanchna	1	25	COPEPODA		
Brachionus			Nauplii	56	1400
Cephalodella			Ad. long ant.	28	700
Collotheca			Ad short ant	102	2550
Colurella			CLADOCERA		
Conochilus			Alona	1	25
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia*	7	175
Filinia	1	25	Daphnia lg.		
Hexarthra			Daphnia sml.		
Keratella			Diaphanosoma		
Lecane ?	4	100	Macrothrix	3	75
Platytas			Moina	9	225
Polyarthra			Others	7	175
Rotaria			CHIRONOMIDAE	2	50
Synchaeta			NEMATODES		
Trichocerca					
Sub-total:	6	150	Sub-total:	215	5375
Notes.			Total:	221	5525

* ceriodaphnia (cornuta 307)

ZOOPLANKTON COUNTS.

Date counted: 3 Oct 190 Counted by: DL

Site: (MSt) MSo TBx MTw

Sampling station: Pool 3

Date sampled: 15 May 190

Sieve size: 63um

Volume of concentrated preserved sample: 10 20 (25) 50 100 ml

Volume of sub-sample: 1 ml. % of sample 4%

ROTIFERA			OTHER TAXA		
	Sub-sample count	Total in sample		Sub-sample count	Total in sample
Asplanchna	3	75	COPEPODA		
Brachionus	31	775	Nauplii	21	525
Cephalodella			Ad. long ant.	.	
Collotheca			Ad short ant	2	50
Colurella			CLADOCERA		
Conochilus			Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia	111	2775	Daphnia lg.		
Hexarthra			Daphnia sml.	* 1	25
Keratella	2	50	Diaphanosoma		
Lecane			Macrothrix		
Platyias			Moina		
Polyarthra	49	1225	Others		
Rotaria			CHIRONOMIDAE		
Synchaeta			NEMATODES		
Trichocerca					
* others	2	50			
Sub-total:	198	4950	Sub-total:	24	600
			Total:	222	5550

Notes.

* *Daphnia lumholzi*

ZOOPLANKTON COUNTS.

Date counted: 4 Oct 190 Counted by: JN

Site: (MSt) MSo TBx MTw

Sampling station: Pool 12

Date sampled: 15 May 190

Sieve size: 63um

Volume of concentrated preserved sample: (10) 20 25 50 100 ml

Volume of sub-sample: 1 ml. % of sample 10%

ROTIFERA			OTHER TAXA		
	Sub-sample count	Total in sample		Sub-sample count	Total in sample
Asplanchna	4	40	COPEPODA		
Brachionus	9	90	Nauplii	181	1810
Cephalodella			Ad. long ant.	24	240
Collotheca			Ad short ant	40	400
Colurella			CLADOCERA		
Conochilus			Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia	3	300
Filinia	2	20	Daphnia lg.		
Hexarthra			Daphnia sml.	1	10
Keratella	41	410	Diaphanosoma		
Lecane			Macrothrix		
Platytas			Moina	11	110
Polyarthra			Others v. small	5	50
Rotaria			CHIRONOMIDAE	2	20
Synchaeta			NEMATODES		
Trichocerca					
Sub-total:	56	560	Sub-total:	267	2670
Notes.			Total:	323	3230

ZOOPLANKTON COUNTS.

Date counted: 4 Oct 190 Counted by: DL

Site: (MSt) MSo TBx MTw

Sampling station: Pool 15

Date sampled: 15 May 190

Sieve size: 63um

Volume of concentrated preserved sample: (10) 20 25 50 100 ml

Volume of sub-sample: 1 ml. % of sample 10%

ROTIFERA			OTHER TAXA		
	Sub-sample count	Total in sample		Sub-sample count	Total in sample
Asplanchna	2	20	COPEPODA		
Brachionus			Nauplii	79	790
Cephalodella			Ad. long ant.	80	800
Collotheca			Ad short ant	95	950
Colurella			CLADOCERA		
Conochilus			Alona	3	30
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia	28	280
Filinia	1	10	Daphnia lg.		
Hexarthra	1	10	Daphnia sm1.	3	30
Keratella	2	20	Diaphanosoma		
Lecane	2	20	Macrothrix	1	10
Platytias			Moina	28	280
Polyarthra			Others *	13	130
Rotaria			CHIRONOMIDAE	20	200
Synchaeta			NEMATODES		
Trichocerca					
Sub-total:	8	80	Sub-total:	350	3500
			Total:	358	3580

Notes.

+ 10 Chydorus
3 small cladocera.

ZOOPLANKTON COUNTS.

Date counted: 4 Oct 1990 Counted by: DU

Site: (MSt) MSo TBx MTw

Sampling station: Pool 23

Date sampled: 15 May 1990

Sieve size: 63um

Volume of concentrated preserved sample: (10) 20 25 50 100 ml

Volume of sub-sample: 1 ml. % of sample 10%

ROTIFERA			OTHER TAXA		
	Sub-sample count	Total in sample		Sub-sample count	Total in sample
Asplanchna	8	80	COPEPODA		
Brachionus	42	420	Nauplii	63	630
Cephalodella			Ad. long ant.	18	180
Collotheca			Ad short ant	22	220
Colurella			CLADOCERA		
Conochilus			Alona		
Epiphanes			Bosmina		
Euclaris	1	10	Ceriodaphnia		
Filinia	26	260	Daphnia lg.		
Hexarthra	13	130	Daphnia sml.		
Keratella	633	6330	Diaphanosoma		
Lecane	2	20	Macrothrix		
Platyias			Moina	2	20
Polyarthra	3	30	Others v. small	1	10
Rotaria			CHIRONOMIDAE	6	60
Synchaeta			NEMATODES		
Trichocerca					
Sub-total:	728	7280	Sub-total:	112	1120
			Total:	840	8400

Notes.

DATE 4

MTw

ROTIFERA

Asplanchna

Brachionus

Filinia

Hexarthra

Keratella

Lecane

Polyarthra

Others

CLADOCERA

Alona

Bosmina

Ceriodaphnia

Chydorus

Daphnia (large)

Daphnia (small)

Diaphanosoma

Moina

Simocephalus

ZOOPLANKTON COUNTS.

Date counted: 4/Oct/90 Counted by: DL

Site: MSt MSo TBx

(MTW)

Sampling station: Pool 25

Date sampled: 15/May/90

Sieve size: 63um

Volume of concentrated preserved sample: 10 20 25 (50) 100 ml

Volume of sub-sample: 1 ml. % of sample 2%

ROTIFERA			OTHER TAXA		
	Sub-sample count	Total in sample		Sub-sample count	Total in sample
Asplanchna	1	50	COPEPODA		
Brachionus	1	50	Nauplii	7	350
Cephalodella			Ad. long ant.	46	2300
Collotheca			Ad short ant	20	1000
Colurella			CLADOCERA		
Conochilus			Alona	1	50
Epiphanes			Bosmina	1	50
Euclaris			Ceriodaphnia	21	1050
Filinia	2	100	Daphnia lg.	2	100
Hexarthra			Daphnia sml.	5	250
Keratella	3	150	Diaphanosoma		
Lecane	2	100	Macrothrix		
Platytias			Moina	26	1300
Polyarthra			Others *	14	700
Rotaria			CHIRONOMIDAE	10	500
Synchaeta			NEMATODES		
Trichocerca			Oligochaet segnat	1	50
Sub-total:	9	450	Sub-total:	154	7700
			Total:	163	8150

Notes.

* Chydorus 1
Simnocephalus 1
Others 12

ZOOPLANKTON COUNTS.

Date counted: 4 Oct 190 Counted by: DN

Site: MSt MSo TBx (MTW)

Sampling station: Pool 31

Date sampled: 15 May 190

Sieve size: 63um

Volume of concentrated preserved sample: 10 20 25 50 100 ml

Volume of sub-sample: 1 ml. % of sample

ROTIFERA			OTHER TAXA		
	Sub-sample count	Total in sample		Sub-sample count	Total in sample
Asplanchna			COPEPODA		
Brachionus			Nauplii		
Cephalodella			Ad. long ant.		
Collotheca			Ad short ant		
Colurella			CLADOCERA		
Conochilus			Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia			Daphnia lg.		
Hexarthra			Daphnia sml.		
Keratella			Diaphanosoma		
Lecane			Macrothrix		
Platyias			Moina		
Polyarthra			Others		
Rotaria			CHIRONOMIDAE		
Synchaeta			NEMATODES		
Trichocerca					
Sub-total:			Sub-total:		
Notes.			Total:		

No Sample.

ZOOPLANKTON COUNTS.

Date counted: 4 Oct 190 Counted by: DL

Site: MSt MSo TBx

(MTw)

Sampling station: Pond 32

Date sampled: 15/ May/90

Sieve size: 63um

Volume of concentrated preserved sample: 10 20 (25) 50 100 ml

Volume of sub-sample: 1 ml. % of sample 4%

ROTIFERA			OTHER TAXA		
	Sub-sample count	Total in sample		Sub-sample count	Total in sample
Asplanchna	3	75	COPEPODA		
Brachionus	152	3800	Nauplii	416	10400
Cephalodella			Ad. long ant.	12	300
Collotheca			Ad short ant	4	100
Colurella			CLADOCERA		
Conochilus			Alona	1	25
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia	19	475	Daphnia lg.		
Hexarthra	7	175	Daphnia sml.	2	50
Keratella	19	475	Diaphanosoma		
Lecane	1	25	Macrothrix		
Platytias			Moina	12	300
Polyarthra			Others		
Rotaria			CHIRONOMIDAE	3	75
Synchaeta			NEMATODES		
Trichocerca			ostracods	3	75
Other	14	350			
Sub-total:	215	5375	Sub-total:	453	11325
Notes.			Total:	668	16700

ZOOPLANKTON COUNTS.

Date counted: 8 Oct 190 Counted by: DU

Site: MST MSo TBx MTw

Sampling station: Pool 34

Date sampled: 15 May 190

Sieve size: 63um

Volume of concentrated preserved sample: 10 20 25 50 100 ml

Volume of sub-sample: 1 ml. % of sample 10%

ROTIFERA			OTHER TAXA		
	Sub-sample count	Total in sample		Sub-sample count	Total in sample
Asplanchna	1	10	COPEPODA		
Brachionus	4	40	Nauplii	62	620
Cephalodella			Ad. long ant.	38	380
Collotheca			Ad short ant	23	230
Colurella			CLADOCERA		
Conochilus			Alona		
Epiphanes			Bosmina	1	10
Euclaris			Ceriodaphnia ^①	11	110
Filinia	1	10	Daphnia lg. ^②	2	20
Hexarthra			Daphnia sml.	5	50
Keratella	4	40	Diaphanosoma		
Lecane	4	40	Macrothrix		
Platyias			Moina	18	180
Polyarthra			Others		
Rotaria			CHIRONOMIDAE	8	80
Synchaeta			NEMATODES	1	10
Trichocerca					
Sub-total:	14	140	Sub-total:	169	1690
			Total:	183	1830

Notes.

- ① Ceriodaphnia cornuta?
② Daphnia carinata.

ZOOPLANKTON COUNTS.

Date counted: 8 Oct 190 Counted by: DJL

Site: MST MSo TBx

(MTw)

Sampling station: Pool 35

Date sampled: 15/ May/90

Sieve size: 63um

Volume of concentrated preserved sample: 10 20 25 (50) 100 ml

Volume of sub-sample: 1 ml. % of sample 2%

ROTIFERA			OTHER TAXA		
	Sub-sample count	Total in sample		Sub-sample count	Total in sample
Asplanchna	2	100	COPEPODA		
Brachionus	3	150	Nauplii	37	1850
Cephalodella			Ad. long ant.	32	1600
Collotheca			Ad short ant	11	550
Colurella			CLADOCERA		
Conochilus			Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia	5	250
Filinia	2	100	Daphnia lg.		
Hexarthra			Daphnia sml.	3	150
Keratella			Diaphanosoma		
Lecane	2	100	Macrothrix		
Platyias			Moina	34	1700
Polyarthra			Others		
Rotaria			CHIRONOMIDAE	3	150
Synchaeta			NEMATODES		
Trichocerca					
Sub-total:	9	450	Sub-total:	125	6250
Notes.			Total:	134	6700

ZOOPLANKTON COUNTS.

Date counted: 8/04/90 Counted by: DU

Site: MSt MSo TBx (MTW)

Sampling station: Pool 36

Date sampled: 15/May/90

Sieve size: 63um

Volume of concentrated preserved sample: 10 20 (25) 50 100 ml

Volume of sub-sample: 1 ml. % of sample 4%

ROTIFERA			OTHER TAXA		
	Sub-sample count	Total in sample		Sub-sample count	Total in sample
Asplanchna	3	75	COPEPODA		
Brachionus	2	50	Nauplii	47	1175
Cephalodella			Ad. long ant.	69	1725
Collotheca			Ad short ant	31	775
Colurella			CLADOCERA		
Conochilus			Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia	6	150
Filinia	1	25	Daphnia lg.	1	25
Hexarthra			Daphnia sml.	2	50
Keratella	1	25	Diaphanosoma	3	75
Lecane	6	150	Macrothrix		
Platyias			Moina	32	800
Polyarthra			Others		
Rotaria			CHIRONOMIDAE	1	25
Synchaeta			NEMATODES		
Trichocerca					
Sub-total:	13	325	Sub-total:	192	4800
Notes.			Total:	205	5125

ZOOPLANKTON COUNTS.

Date counted: 8 Oct 190 Counted by: DL

Site: MSt MSo TBx MTW

Sampling station: Pool 43

Date sampled: 15/ May 190

Sieve size: 63um

Volume of concentrated preserved sample: (10) 20 25 50 100 ml

Volume of sub-sample: 1 ml. % of sample 10%

ROTIFERA			OTHER TAXA		
	Sub-sample count	Total in sample		Sub-sample count	Total in sample
Asplanchna	13	130	COPEPODA		
Brachionus	5	50	Nauplii	313	3130
Cephalodella			Ad. long ant.	2	20
Collotheca			Ad short ant	11	110
Colurella			CLADOCERA		
Conochilus			Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia	12	120	Daphnia lg.		
Hexarthra	58	580	Daphnia sml.		
Keratella	2	20	Diaphanosoma		
Lecane	6	60	Macrothrix		
Platyias			Moina	1	10
Polyarthra	55	550	Others V. small	4	40
Rotaria			CHIRONOMIDAE	1	10
Synchaeta			NEMATODES		
Trichocerca					
Others	6	60			
Sub-total:	157	1570	Sub-total:	332	3320
Notes.			Total:	489	4890

ZOOPLANKTON COUNTS.

Date counted: 9 Oct 190 Counted by: DL

Site: MSt MSo TBx

MTW

Sampling station: TWR 8

Date sampled: 15 May 190

Sieve size: 63um

Volume of concentrated preserved sample: 10 20 25 50 100 ml

Volume of sub-sample: 1 ml. % of sample 10%

ROTIFERA			OTHER TAXA		
	Sub-sample count	Total in sample		Sub-sample count	Total in sample
Asplanchna	5	50	COPEPODA		
Brachionus	8	80	Nauplii	38	380
Cephalodella			Ad. long ant.	104	1040
Collotheca			Ad short ant	39	390
Colurella			CLADOCERA		
Conochilus			Alona		
Epiphanes			Bosmina	1	10
Euclaris			Ceriodaphnia	22	220
Filinia			Daphnia lg.	3	30
Hexarthra			Daphnia sml.	6	60
Keratella	3	30	Diaphanosoma	1	10
Lecane	5	50	Macrothrix		
Platytias			Moina	53	530
Polyarthra	1	10	Others +	6	60
Rotaria			CHIRONOMIDAE	15	150
Synchaeta			NEMATODES		
Trichocerca					
Sub-total:	22	220	Sub-total:	288	2880
			Total:	310	3100

Notes.

- + Chydorus 1
Daphnia lumholtzi 2
V. small cladocera 3

ZOOPLANKTON COUNTS.

Date counted: 9 Oct 190 Counted by: DK

Site: MSt MSo TBx

MTw

Sampling station: TWR 10

Date sampled: 15 May 190

Sieve size: 63um

Volume of concentrated preserved sample: 10 20 25 50 100 ml

Volume of sub-sample: 1 ml. % of sample 10%

ROTIFERA			OTHER TAXA		
	sub-sample count	Total in sample		sub-sample count	Total in sample
Asplanchna	14	140	COPEPODA		
Brachionus	15	150	Nauplii	217	2170
Cephalodella			Ad. long ant.	201	2010
Collotheca			Ad short ant	3	30
Colurella			CLADOCERA		
Conochilus			Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia?	1	10
Filinia	13	130	Daphnia lg.	3	30
Hexarthra			Daphnia sml.	22	220
Keratella	149	149	Diaphanosoma		
Lecane	2	20	Macrothrix		
Platyias			Moina	34	340
Polyarthra			Others	9	90
Rotaria			CHIRONOMIDAE	1	10
Synchaeta			NEMATODES	1	10
Trichocerca					
Others	4	40			
Sub-total:	197	1970	Sub-total:	492	4920
Notes.			Total:	689	6890

DATE 4

MCK/CCK

ROTIFERA

Asplanchna

Brachionus

Cephalodella

Filinia

Keratella

Lecane

Polyarthra

Squatinella

Syncheata

Trichocerca

Others

CLADOCERA

Macrothrix

Moina

ZOOFLANKTON COUNTS.

Date counted: 9 Oct 190 Counted by: DU

Site: MSt MSo TBx MTw

Sampling station: MCK 1 (MSE)

Date sampled: 15 May 190

Sieve size: 63um

Volume of concentrated preserved sample: (10) 20 25 50 100 ml

Volume of sub-sample: 1 ml. % of sample 10%

ROTIFERA			OTHER TAXA		
	Sub-sample count	Total in sample		Sub-sample count	Total in sample
Asplanchna	13	130	COPEPODA		
Brachionus	325	3250	Nauplii	17	170
Cephalodella			Ad. long ant.		
Collotheca			Ad short ant		
Colurella			CLADOCERA		
Conochilus			Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia	17	170	Daphnia lg.		
Hexarthra			Daphnia sml.		
Keratella			Diaphanosoma		
Lecane	2	20	Macrothrix		
Platytias			Moina		
Polyarthra	8	80	Others		
Rotaria			CHIRONOMIDAE		
Synchaeta			NEMATODES		
Trichocerca					
Others	4	40			
Sub-total:	364	3690	Sub-total:	17	170
Notes.			Total:	386	3860

ZOOPLANKTON COUNTS.

Date counted: 9/10/190 Counted by:

Site: MSt MSo TBx MTw

Sampling station: CCK 1 (MSo)

Date sampled: 15/11/190

Sieve size: 63um

Volume of concentrated preserved sample: (10) 20 25 50 100 ml

Volume of sub-sample: 1 ml. % of sample 10%

ROTIFERA			OTHER TAXA		
	Sub-sample count	Total in sample		Sub-sample count	Total in sample
Asplanchna	9	90	COPEPODA		
Brachionus	123	1230	Nauplii	5	50
Cephalodella	1	10	Ad. long ant.		
Collotheca			Ad short ant		
Colurella			CLADOCERA		
Conochilus			Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia			Daphnia lg.		
Hexarthra			Daphnia sml.		
Keratella	3	30	Diaphanosoma		
Lecane			Macrothrix		
Platyias			Moina		
Polyarthra	3	30	Others		
Rotaria			CHIRONOMIDAE		
Synchaeta			NEMATODES		
Trichocerca					
Squatinella?	1	10			
others (no latin)*	73	730			
Sub-total:	213	2130	Sub-total:	5	50
Notes.			Total:	218	2180

* Includes synchaeta

ZOOPLANKTON COUNTS.

Date counted: 10/04-190 Counted by: DUC

Site: MSt MSo TBx MTw

Sampling station: CCK 2 (MSo inlet)

Date sampled: 15 May 190

Sieve size: 63um

Volume of concentrated preserved sample: (10) 20 25 50 100 ml

Volume of sub-sample: 1 ml.

% of sample 10%

ROTIFERA			OTHER TAXA		
	Sub-sample count	Total in sample		Sub-sample count	Total in sample
Asplanchna	18	180	COPEPODA		
Brachionus	196	1960	Nauplii	8	80
Cephalodella			Ad. long ant.		
Collotheca			Ad short ant		
Colurella			CLADOCERA		
Conochilus			Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia			Daphnia lg.		
Hexarthra			Daphnia sml.		
Keratella	12	120	Diaphanosoma		
Lecane	3	30	Macrothrix		
Platyias			Moina		
Polyarthra	3	30	Others		
Rotaria			CHIRONOMIDAE	2	20
Synchaeta			NEMATODES		
Trichocerca					
* others	83	830			
Sub-total:	315	3150	Sub-total:	10	100
			Total:	325	3250

Notes.

* include some synchaeta

ZOOPLANKTON COUNTS.

Date counted: 9 Oct 190 Counted by: DK

Site: MSt MSo TBx MTw

Sampling station: CCK 3 (MSC-inlet)

Date sampled: 151 May 190

Sieve size: 63um

Volume of concentrated preserved sample: (10) 20 25 50 100 ml

Volume of sub-sample: 1 ml.

% of sample 10%

ROTIFERA			OTHER TAXA		
	Sub-sample count	Total in sample		Sub-sample count	Total in sample
Asplanchna	6	60	COPEPODA		
Brachionus	77	770	Nauplii	4	40
Cephalodella			Ad. long ant.		
Collotheca			Ad short ant	1	10
Colurella			CLADOCERA		
Conochilus			Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia	2	20	Daphnia lg.		
Hexarthra			Daphnia sml.		
Keratella	3	30	Diaphanosoma		
Lecane			Macrothrix		
Platyias			Moina		
Polyarthra	1	10	Others		
Rotaria			CHIRONOMIDAE		
Synchaeta			NEMATODES		
Trichocerca					
Other rotatoria	23	230			
Sub-total:	112	1120	Sub-total:	5	50
Notes.			Total:	117	1170

ZOOPLANKTON COUNTS.

Date counted: 10/04/90 Counted by: DU

Site: MSt MSo TBx MTw

Sampling station: CCK 4 (MSt BR area)

Date sampled: 15/05/90

Sieve size: 63um

Volume of concentrated preserved sample: 10 20 (25) 50 100 ml

Volume of sub-sample: 1 ml. % of sample 4%

ROTIFERA			OTHER TAXA		
	Sub-sample count	Total in sample		Sub-sample count	Total in sample
Asplanchna	39	975	COPEPODA		
Brachionus	48	1200	Nauplii	9	225
Cephalodella			Ad. long ant.		
Collotheca			Ad short ant		
Colurella			CLADOCERA		
Conochilus			Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia			Daphnia lg.		
Hexarthra			Daphnia sml.		
Keratella	1	25	Diaphanosoma		
Lecane			Macrothrix	1	25
Platytas			Moina		
Polyarthra	3	75	Others		
Rotaria			CHIRONOMIDAE	2	50
Synchaeta			NEMATODES		
Trichocerca					
Others Includes some synchaeta	84	2100			
Sub-total:	175	4375	Sub-total:	12	300
Notes.			Total:	187	4675

ZOOPLANKTON COUNTS.

Date counted: 10/Oct/90 Counted by: DU

Site: MSt MSo TBx MTw

Sampling station: CCK 6 (TBx)

Date sampled: 14/May/90

Sieve size: 63um

Volume of concentrated preserved sample: (10) 20 25 50 100 ml

Volume of sub-sample: 1 ml. % of sample 10%

ROTIFERA			OTHER TAXA		
	Sub-sample count	Total in sample		Sub-sample count	Total in sample
Asplanchna	17	170	COPEPODA		
Brachionus	245	2450	Nauplii	2	20
Cephalodella			Ad. long ant.		
Collotheca			Ad short ant		
Colurella			CLADOCERA		
Conochilus			Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia	13	130	Daphnia lg.		
Hexarthra			Daphnia sml.		
Keratella	6	60	Diaphanosoma		
Lecane			Macrothrix		
Platyias			Moina		
Polyarthra	19	190	Others		
Rotaria			CHIRONOMIDAE	1	10
Synchaeta			NEMATODES		
Trichocerca	1	10			
Others include synchaeta	17	170			
Sub-total:	318	3180	Sub-total:	3	30
Notes.			Total:	321	3210

ZOOPLANKTON COUNTS.

Date counted: 10 Oct 190 Counted by: DU

Site: MST MSo TBx MTw

Sampling station: CCK 7 (TBx Inlet)

Date sampled: 14 May 190

Sieve size: 63um

Volume of concentrated preserved sample: 10 20 (25) 50 100 ml

Volume of sub-sample: 1 ml. % of sample 4%

ROTIFERA			OTHER TAXA		
	Sub-sample count	Total in sample		Sub-sample count	Total in sample
Asplanchna	10	250	COPEPODA		
Brachionus	364	9100	Nauplii	4	100
Cephalodella			Ad. long ant.		
Collotheca			Ad short ant	2	50
Colurella			CLADOCERA		
Conochilus			Alona		
Epiphanes			Bosmina		
Euclaris			Ceriodaphnia		
Filinia	63	1575	Daphnia lg.		
Hexarthra			Daphnia sml.		
Keratella	17	425	Diaphanosoma		
Lecane	4	100	Macrothrix		
Platyias			Moina	1	25
Polyarthra	19	475	Others		
Rotaria			CHIRONOMIDAE		
Synchaeta	58	1450	NEMATODES		
Trichocerca					
Other	17	425			
Sub-total:	552	13800	Sub-total:	7	175
Notes.			Total:	559	13975

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